



1. CERTIFICATE OF OFFEROR AND STATEMENT OF UNDERSTANDING

TXShare Your Public Sector Solutions Center

REQUEST FOR PROPOSALS

For

Artificial Intelligence (AI) Solutions for Public Sector Entities RFP # 2025-018

Sealed proposals will be accepted until 2:00 PM CT, **January 17, 2025**, and then publicly opened and read aloud thereafter.

Compunnel Software Group, Inc.

Legal Name of Proposing Firm

Nitisha Kainthola

Account Manager

Contact Person for This Proposal

Title

609-606-9010

govt@compunnel.com

Contact Person Telephone Number

Contact Person E-Mail Address

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Plainsboro, NJ

08536

Street Address of Principal Place of Business

City/State

Zip

103 Morgan Lane, Suite 102

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Mailing Address of Principal Place of Business

City/State

Zip

Ashish Yadav

Program Manager

Point of Contact for Contract Negotiations

Title

609-606-9010

govt@compunnel.com

Point of Contact Telephone Number

Point of Contact Person E-Mail Address

Acknowledgment of Addenda (initial): #1 AY #2 _____ #3 _____ #4 _____ #5 _____

NOTE: Any confidential/proprietary information must be clearly labeled as "confidential/proprietary". All proposals are subject to the Texas Public Information Act.

COVER SHEET



2. A brief statement of the respondent's understanding of the work to be done or desired deliverables requested in the solicitation.

From Compunnel's perspective, implementing AI at the NCTCOG level across multiple applications and systems presents significant challenges. The following challenges need to be addressed to ensure the success of the AI initiatives:

- **Inter-industry Coordination:** Ensuring consistent communication and collaboration with varying levels of AI maturity.
- **Data Governance and Security:** Establishing robust frameworks to manage data privacy, security, and integrity.
- **Ethical AI Adoption:** Addressing potential biases and ensuring that AI implementations are ethical and transparent.
- **Compliance with Regulations:** Navigating the complex landscape of federal and NCTCOG regulations related to AI and data management.
- **Stakeholder Training:** Equipping NCTCOG employees and stakeholders with the necessary skills and knowledge to effectively manage and utilize AI technologies.
- **Change Management:** Managing the organizational and cultural changes associated with the adoption of AI.

The scope of this project encompasses the design, development, deployment, and ongoing support of customized AI solutions tailored to address the critical challenges outlined by NCTCOG. Compunnel will ensure seamless integration with existing systems, user-centric design, and compliance with all relevant data security and privacy standards. Below is a detailed breakdown of the scope of work:

Solution Design and Development

- **Challenge-Specific AI Solutions:** Develop AI-driven tools to address operational challenges in departments such as administration, HR, IT, finance, and public works.
- **Customization:** Tailor solutions to meet the unique needs of each department, including functionalities like strategic planning, workflow automation, and real-time analytics.
- **Integration Capabilities:** Ensure seamless interoperability with existing systems, including case management, HRMS, library databases, and IT infrastructure.

Deployment and Implementation

- **Phased Rollout:** Deploy solutions in phased manner, prioritizing high-impact departments for smooth adoption.
- **Training and Support:** Provide comprehensive training for staff to maximize usability and efficiency.
- **Testing and Validation:** Conduct thorough testing to ensure system reliability, performance, and compliance.

Data Security and Privacy

- **Data Governance:** Maintain data integrity, accuracy, and compliance with regulations such as GDPR and HIPAA.
- **Access Controls:** Establish role-based access and multi-factor authentication to secure sensitive data.
- **Threat Detection:** Integrate AI-driven threat detection and incident response mechanisms.

Maintenance and Continuous Improvement

- **Ongoing Support:** Provide maintenance services, including regular updates and system optimization.
- **Performance Monitoring:** Implement tools for continuous monitoring and improvement of AI systems.
- **Feedback Mechanisms:** Establish user feedback loops to ensure solutions remain relevant and effective.

Value-Added Features

- **Advanced Analytics:** Deliver insights through predictive analytics and machine learning models to aid data-driven decision-making.
- **Natural Language Processing:** Enhance citizen engagement with AI-powered chatbots and virtual assistants capable of handling diverse inquiries.
- **Scalability:** Design solutions to accommodate future growth and additional use cases.



2. REFERENCES

Include at least four (4) recent references for customers (preferably public agencies) for whom you have provided services similar to those requested in this solicitation within the last five (5) years. Please include the organization's name (if applicable), contact person, phone number, and email address for each reference. NCTCOG reserves the right to contact or visit any of the respondents' current and/or past customers to evaluate the level of performance and customer satisfaction.

Reference #1	
Client Name	Texas State Technical College
Project Contact	Name: Dr. George Makiya Title: SVP- Data & Analytics Contact Number: 832-562-1782 E-Mail Id: gmakiya@tstc.edu
Project Name	TSTC Azure Data Ops and MLOps enabled Advanced Analytics
Start Date	July 2023
End Date	Ongoing

Reference #2	
Client Name	Opticloud
Project Contact	Name: Vijay Karia Title: Chief Executive Officer Contact Number: (401) 871-0734 E-Mail Id: vijay.karia@opticloud.com
Project Name	AI based Anomaly Detection & Notification System for GreenOps and FinOps with Agentic AI Framework
Start Date	July 2024
End Date	Ongoing

Reference #3	
Client Name	United Nations' Alliance
Project Contact	Name: Carlo Tortora Brayda Title: Chief Executive Officer Contact Number: +33610796584 E-Mail Id: carlo@tortorabrayda.org
Project Name	US Cyber Eagle Project
Start Date	December 2023
End Date	Ongoing

Reference #4	
Client Name	World Bank
Project Contact	Name: Ruby Ray Current Address: 1818 H Street, N.W. Washington, DC 20433 E-mail Address: rray@worldbank.org Telephone Number: +1 202-458-5858
Project Name	Data Strategy & Roadmap for BUs to help in auditing existing data processes
Start Date	April 2022
End Date	September 2022



3. PROJECT-RELATED EXPERIENCE AND QUALIFICATIONS

Proposals will be evaluated on the basis of experience in performing the requested goods/services. Provide a comprehensive overview of your organization's capabilities, experience, and expertise in delivering AI solutions, along with your ability to meet each requirement outlined in Section 5. Highlight any relevant past projects, particularly those involving public sector entities or similar entities.

a. Organization's Capabilities and Experience

Provide a detailed description of your organization's capabilities in delivering AI solutions. This should include:

- **Technical Expertise** Outline the specific AI technologies and methodologies your organization specializes in.

Compunnel's AI CoE

Compunnel's AI COE, which will be setup as the primary solution offering for NCTCOG, has led many strategic business transformations for its diverse clients. Our strategy for transformation marries productivity with growth and consciousness for social good. We have each industry-specific solution approach which is navigated by domain SMEs and operational excellence drivers.












 <p>Dr. Ravi Changle Practice Head, AI & Advanced Tech Compunnel</p> <p>LinkedIn Top Voice - AI & Consulting Forbes Technology Council Member Member - Global Green AI & Sustainability Taskforce Board Advisor Fractional Chief AI Officer as a Service Board Member US Cyber Eagle Project Global Subject Matter Expert for ISB, NUS, CalTech, Purdue and TexAus</p> <p>MBA in Finance and Investment Banking Ph.D in Financial Econometric Modeling (AI, GARCH Models)</p> <p>Exemplifies innovative leadership with a vision for Ethical AI and sustainable technologies driving multi-million-dollar growth across organizations</p>	<p>Empathy in Business</p> <ul style="list-style-type: none">• Expertise in developing AI governance frameworks that prioritize ethical considerations building transparency in AI operations.• Strategic AI leadership to integrate advanced technologies & developing corporate strategies for optimal outcomes.• Integrates empathy into business practices while ensuring that stakeholder relationships contribute to positive social impact. <p>Commitment to Ethics</p> <ul style="list-style-type: none">• Leading AI implementations with actionable strategies for transformative and sustainable growth outcomes across sectors.• Expert on Generative AI models for transforming traditional practices with intelligent automation and enhanced operational efficiencies.• Dedicated to promoting ethical practices within AI development signified by active involvement in shaping ethical guidelines to protect societal interests. <p>Focus on Innovation</p> <ul style="list-style-type: none">• Drives technological advancements aligned with sustainable development goals with passion for AI & Emerging Technologies.• Leads initiatives that drive innovations to enhance business value and client outcomes with strategies that leverage advanced technologies for sustained growth.• Spearheads discussions on AI ethics and governance among top technology leaders for responsible AI practices aligned with societal needs and sustainability.	         
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Exhibit: Compunnel's AI Leadership

Our AI COE led AI transformations result in 2x faster AI development and 20-25% reduction in AI project costs. Our AICOE will help in providing advisory services for AI Initiatives Governance, AI Strategy and Roadmap Development, Industry specific Use Cases, Data Strategy and Management, Ethics and Compliance Framework, Training and Capacity Building, Change Management and Communication Plan.

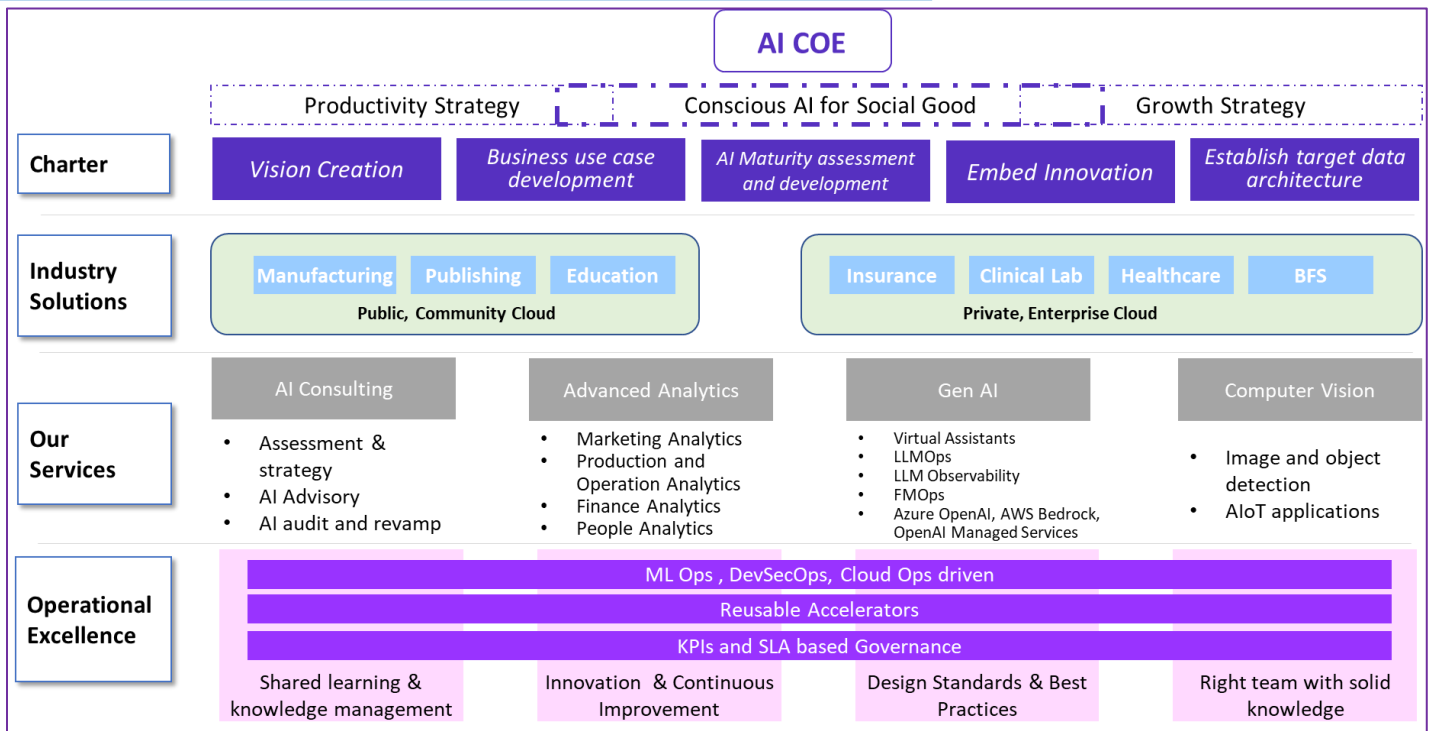


Exhibit: AI CoE structure

Project Team

At Compunnel, we believe in building strong, collaborative partnerships with our clients. We achieve this through a high-touch approach prioritizing direct communication and in-house expertise. Compunnel will assemble a highly skilled project team as follows:

Roles & Responsibilities

Role	Responsibilities
Project Manager (Business Analyst)	<ul style="list-style-type: none"> Oversee the end-to-end project lifecycle, ensuring milestones are met within scope, time, and budget. Collaborate with stakeholders to gather and refine business requirements and translate them into actionable technical tasks. Develop and maintain detailed project plans, including timelines, resource allocation, and risk mitigation strategies. Act as the primary communication bridge between NCTCOG stakeholders and the technical teams.
Chief AI Officer	<ul style="list-style-type: none"> Provide strategic consulting on AI adoption, aligning AI initiatives with NCTCOG's long-term goals. Lead the AI readiness discovery assessment, including data audits, organizational readiness, and capability evaluation. Define and prioritize high-value AI use cases, ensuring alignment with NCTCOG's operational goals. Develop an AI maturity framework and recommend improvement strategies to enhance NCTCOG's capabilities. Drive the creation of a detailed AI strategic roadmap, outlining timelines, resources, and success metrics.
Data Scientist	<ul style="list-style-type: none"> Analyze NCTCOG's data to identify trends, patterns, and insights for AI-driven decision-making.



	<ul style="list-style-type: none"> • Develop and train machine learning models tailored to NCTCOG’s prioritized use cases. • Collaborate with the Chief AI Officer to align AI models with business objectives. • Perform data preprocessing, cleaning, and transformation to ensure high-quality inputs for model training. • Validate and fine-tune AI models through iterative testing and performance evaluation.
Software Developer	<ul style="list-style-type: none"> • Develop and integrate AI solutions into NCTCOG’s existing systems, ensuring seamless functionality. • Create APIs and interfaces for real-time interaction with AI models. • Implement backend and frontend components for pilot and full-scale AI solutions. • Collaborate with Data Scientist to ensure model outputs are accurately processed and displayed. • Ensure code quality, security, and performance optimization in AI applications. • Work with the QA team to fix bugs and implement changes based on testing outcomes.
QA Specialist	<ul style="list-style-type: none"> • Develop and execute test plans and cases to validate AI solutions against project requirements. • Conduct functional, integration, and performance testing on pilot and full-scale AI implementations. • Validate data pipelines and model outputs for accuracy and consistency. • Identify, document, and track bugs through resolution in collaboration with development team. • Ensure adherence to NCTCOG’s quality standards and industry best practices. • Perform regression testing to ensure updates do not impact system functionality.
L1 & L2 Support Team	<ul style="list-style-type: none"> • Provide first-level support to address user issues, including troubleshooting AI system errors and resolving technical glitches. • Escalate unresolved issues to the L2 team, ensuring seamless coordination between support tiers. • Monitor system health, performance metrics, and alert logs for anomalies. • Provide feedback to the implementation team on recurring issues or improvement opportunities. • Assist users with queries related to AI system functionality and usability. • Perform advanced debugging and resolution for complex system issues. • Provide periodic performance and support analytics reports to stakeholders.

• **Project Management:** Describe your approach to managing AI projects, including planning, execution, and quality assurance processes.

Project Communication

#	Monitoring & Reporting	Frequency
1	Steering Committee Meeting	Monthly
2	Weekly Status Meeting & WSR	Weekly

- **Steering Committee Meetings** (Senior Management, Project Manager, NCTCOG’s management, and other key stakeholders): These meetings are used to review all aspects of the engagement: Quality, progress viz. roadmap, communication, and any other project challenges. This meeting will also provide capacity to take major decisions regarding the project.
- **Weekly Status Meetings** (Project Manager, Offshore Delivery Manager and Offshore Technical Leads, NCTCOG’s technical lead / PM): This is accompanied by a Weekly Status Report of the project sent at least a day in advance for the Weekly Status Meeting. This meeting is typically conducted through a teleconference. The weekly report’s format/ template will be created and shared by the Project Manager well before the first such meeting.



Our project management approach for AI projects is a structured, iterative process that integrates industry-standard methodologies, agile frameworks, and best practices to deliver AI-driven solutions effectively. Below are the key components of our approach across planning, execution, and quality assurance phases:

1. Planning Phase: Ensuring Strategic Alignment and Readiness

We begin by establishing a strong foundation to align the project objectives with business needs:

- **Requirement Gathering & Use Case Prioritization:** Collaborate with stakeholders to identify high-value AI use cases. Conduct workshops to refine requirements and ensure alignment with business goals.
- **Feasibility Assessment:** Evaluate data readiness, infrastructure capabilities, and potential risks to validate project feasibility.
- **Strategic Roadmap:** Develop a detailed roadmap outlining key milestones, deliverables, timelines, and dependencies for pilot and full-scale implementations.
- **Team Structuring:** Assign specialized roles, including data scientists, AI engineers, QA specialists, and project managers, to ensure seamless execution.
- **Resource Planning:** Define technical, human, and data resources required for each project phase.
- **Risk Management Plan:** Identify potential risks (e.g., data quality, ethical considerations) and implement mitigation strategies.
- **Success Metrics & KPIs:** Establish measurable outcomes, such as accuracy, performance, and business impact, to track success.

2. Execution Phase: Agile and Iterative Development

Our execution methodology emphasizes agility and collaboration to ensure rapid delivery while accommodating iterative refinements:

- **Agile Framework:** Use Scrum or Kanban frameworks for iterative development, ensuring regular deliverables in the form of sprints or task cycles.
- **Data Preparation & Modeling:** Perform data cleansing, preprocessing, and feature engineering before building and training AI models.
- **Prototyping & Piloting:** Deliver proof-of-concept (PoC) or pilot solutions to validate approaches before full-scale deployment.
- **Cross-functional Collaboration:** Maintain open communication between data scientists, developers, and business analysts to address challenges in real time.
- **Continuous Stakeholder Engagement:** Conduct regular status meetings, sprint reviews, and demos to ensure alignment with stakeholder expectations.
- **Change Management:** Implement a structured process to accommodate scope changes while minimizing disruption to project timelines.
- **Scalable Solutions:** Design AI models and systems with scalability in mind to handle evolving data volumes and business requirements.

3. Quality Assurance (QA) Processes: Ensuring Accuracy and Reliability

We incorporate rigorous QA processes to ensure the quality, performance, and ethical compliance of AI systems:

- **Testing Framework:** Conduct functional, integration, and performance testing on data pipelines, AI models, and applications & perform rigorous validation of AI models for accuracy, bias, and ethical considerations.
- **Model Evaluation:** Validate models using predefined metrics (e.g., precision, recall, F1 score) to ensure they meet performance benchmarks.
- **Simulated Real-world Testing:** Use real-world scenarios and synthetic data to test AI systems under realistic conditions.
- **Regression Testing:** Ensure updates or retrained models do not negatively impact existing functionality.
- **Monitoring & Feedback Loop:** Post-deployment, monitor system performance using automated tools & gather user feedback to identify areas for improvement and retraining.



- **Documentation & Knowledge Transfer:** Maintain detailed project documentation, test reports, and training materials for operational continuity.

Tools and Technologies

We utilize modern project management, collaboration, and AI-specific tools to streamline workflows:

- **Project Management Tools:** Jira, Trello, MS Project for task tracking, sprint planning, and risk management.
- **Collaboration Platforms:** Confluence, Slack, or MS Teams for real-time updates and knowledge sharing.
- **AI/ML Tools:** TensorFlow, PyTorch, DataRobot for model development; Power BI/Tableau for visualizations.
- **Version Control:** Git and CI/CD pipelines for seamless integration and deployment of AI solutions.




Key Differentiators

1. **Proven Expertise:** Our experienced AI project managers have a track record of delivering large-scale AI projects with measurable outcomes.
2. **Scalable & Ethical AI:** Our approach ensures the solutions are robust, scalable, and ethically compliant.
3. **Iterative Refinement:** Continuous learning and improvement are embedded into the project lifecycle.
4. **Stakeholder-Centric Approach:** We prioritize clear communication and stakeholder alignment at every phase.

- **Team Qualifications:** Highlight the qualifications and experience of key team members who will be involved in the project(s).

Key Profiles

1. **Project Manager-AI Strategic Advisor - Dr. Ravi Changle - Director, AI and Emerging Technologies - Compunnel Inc | Forbes Technology Council**

Profile Aspect	Details
Current Position	Director, AI & Emerging Technologies at Compunnel Inc; Forbes Technology Council Member
Expertise	AI-driven transformations, Corporate Finance, ESG, Ethics, AI practices, AI Governance   
Experience	<ul style="list-style-type: none"> • 15+ years in AI, Data Analytics, Data Science, and Big Data in both corporate and academic sectors
Core Competencies	<ul style="list-style-type: none"> • Data Science • Machine Learning and Artificial Intelligence • Statistical Analysis • Predictive Modelling • Project Management • Solutions Architecture
Notable Roles	<ul style="list-style-type: none"> • Led a team of 22 in delivering AI solutions at Compunnel (since Jul'21) • Owned and consulted for SKA Analytics (Jun'17 - Jul'21) • Assistant Professor and AI ML Projects Lead at PIMR, Indore (Dec'12 - Mar'21) • Rhode Island AI Taskforce Committee Membership • IEEE SIGHT Membership for Humanitarian Technology and Sustainable Development



Profile Aspect	Details
Education	<ul style="list-style-type: none"> PhD in Econometrics and Quantitative Economics MBA in Investment Banking & Finance
Certifications	<ul style="list-style-type: none"> Microsoft Certified Azure Data Scientist Microsoft AI Cloud Solution Partner PMI Certified Project & Program Management Professional, Generative AI, Machine Learning, Deep Learning, Big Data Analytics & Visualization, Strategic Planning & Execution, Team Leadership
Achievements	<ul style="list-style-type: none"> Recognized as "Manager of the Quarter" at Compunnel in November 2022 Member of Global AI & Cybersecurity Taskforce and Global Sustainable AI and Ethics Taskforce

2. Chief AI Officer -AI Governance and Ethics Specialist - Dr. Bhupendra Kumar Verma

Profile Aspect	Details
Expertise	Data Science, Data Engineering, Data Strategy, AI Governance, and Ethics
Experience	<ul style="list-style-type: none"> 18 years in Management Consultancy Research & Development, and Teaching/Training across various industries including Manufacturing, FMCG, Automobile, and Academia
Core Competencies	<ul style="list-style-type: none"> Machine Learning Deep Learning Data Governance Digital Transformation Bayesian Statistics AI, Big Data and Data Visualization Supply Chain Management Quality Control
Education	<ul style="list-style-type: none"> PhD in Climate Change and Sustainability Strategies from NITIE-Mumbai (2009-2015) PGDIM in Industrial Management from NITIE-Mumbai (2006-2008) M.Tech in Thermal Engineering from IIT-Chennai (2001-2002) B.E. (Hons.) in Mechanical Engineering from BITS-Pilani (1996-2000)
Certifications	<ul style="list-style-type: none"> Project Management Lean Management, Lean Six Sigma Green/Black Belt Digital Marketing Certified Associate Robotic Process Automation (UiPath)
Notable Roles	<ul style="list-style-type: none"> Director, Data Strategy & Architecture at Compunnel Software Group, Inc. (Jul 2022 - Present) Freelance Consultant at Compunnel Software Group, Inc. (May 2018 - Jun 2018) Associate Professor at CDGI, India (Sep 2014 - May 2018) Deputy Manager at Vaayu India Power Corporation Pvt Ltd (Jan 2014 - Sep 2014) Deputy Manager at Enercon India Ltd (Sep 2010 - Dec 2013)
Achievements	<ul style="list-style-type: none"> First in Class in M.Tech Member of ROTARACT-CLUB at NITIE and SAC at IIT Madras



b. Relevant Past Projects

Include examples of past projects that demonstrate your experience and success in delivering AI solutions, especially those involving public sector or similar entities. For each project, provide:

- **Project Description:** A brief overview of the project, including objectives, scope, and outcomes.
- **Client:** The name of the public sector or entity you worked with.
- **Technologies Used:** The AI technologies and tools implemented in the project.
- **Results:** The impact and benefits realized by the client as a result of your solution.

Compunnel has extensive experience delivering AI-related consulting services, particularly in assessments and strategic planning for government entities. Our AI practice is uniquely positioned to support municipalities with expertise in ethical AI, AI governance, and capacity building.

Case Study 1	
Client Name	Texas State Technical College
Project Contact	Name: Dr. George Makiya Title: SVP- Data & Analytics Contact Number: 832-562-1782 E-Mail Id: gmakiya@tstc.edu
Project Name	TSTC Azure Data Ops and MLOps enabled Advanced Analytics
Start Date	July 2023
End Date	Ongoing
Key Personnel Involved	Dr. George Makiya, Nandita Singh, Tina Skidmore from TSTC & Compunnel Consultants
Description of Assignment – Roles and Responsibility	Data Migration from OnPrem to Azure, MS Fabric Implementation, AIOPs and MLOPs, Responsible AI

Case Study 2	
Client Name	Opticloud
Project Contact	Name: Vijay Karia Title: Chief Executive Officer Contact Number: (401) 871-0734 E-Mail Id: vijay.karia@opticloud.com
Project Name	AI based Anomaly Detection & Notification System for GreenOps and FinOps with Agentic AI Framework
Start Date	July 2024
End Date	Ongoing
Key Personnel Involved	Alton Allen, Vijay Karia from Opticloud & Compunnel AI Consultants
Description of Assignment – Roles and Responsibility	Compunnel delivered advanced Data Science Operations and MLOps solutions leveraging Agentic AI across AWS, GCP, and Azure platforms. Provided sustainability reporting, monitoring, and observability while optimizing financial performance through actionable recommendations for cost savings and right-sizing. Implemented Infrastructure as Code



	(IaC), DevOps, AI agents, and strategies for digital waste reduction, enhancing operational efficiency.
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Case Study 3	
Client Name	United Nations' Alliance
Project Contact	Name: Carlo Tortora Brayda Title: Chief Executive Officer Contact Number: +33610796584 E-Mail Id: carlo@tortorabrayda.org
Project Name	US Cyber Eagle Project
Start Date	December 2023
End Date	Ongoing
Key Personnel Involved	Carlo Tortora Brayda and Michael Thiessmeir from United Nations' Alliance (TBI, NAIC, NIST, NATO) & Compunnel AI Consultant
Description of Assignment – Roles and Responsibility	Our responsibilities included strategic oversight and decision-making for GenAI DevSecOps implementation, securing VC funding, contributing to AI & Cybersecurity Global Task Force initiatives, and driving the Green AI Initiative. Played a pivotal role in shaping policies, fostering innovation, and ensuring alignment with sustainable and secure AI practices.

Case Study 4	
Client Name	World Bank
Project Contact	Name: Ruby Ray Current Address: 1818 H Street, N.W. Washington, DC 20433 E-mail Address: r-ray@worldbank.org Telephone Number: +1 202-458-5858
Project Name	Data Strategy & Roadmap for their BUs to help in gauging and auditing the existing data processes
Start Date	April 2022
End Date	September 2022
Key Personnel Involved	Project Manager, Business Analyst, SMEs, Data Strategist, Data Strategy Manager
Description of Assignment – Roles and Responsibility	Compunnel successfully conducted a comprehensive discovery and assessment exercise for the World Bank, evaluating the current state of data governance and master data management. A detailed gap analysis identified critical areas for improvement and projects with maximum business benefits. Key achievements included assessing data maturity as nascent, identifying top priorities like modernizing the data platform, implementing data governance, and leveraging AI/ML, RPA, and a data catalog. Adoption of a data lake was highlighted to enhance data monetization. A milestone-driven roadmap was delivered, and a stewardship committee with designated Data Stewards was established to oversee governance and drive sustainable implementation. A milestone-based project execution roadmap was provided for data governance and management implementation. Data Stewards were identified, and a stewardship committee was created within World bank to drive this implementation and supervise the governance process further.

Special Mention: We have also been recently awarded a similar contract by the **State Of Rhode Island** titled “**Artificial Intelligence Task Force**’.



c. Background and Years in Business

Provide a brief statement of your organization's background, including:

- **History:** A summary of your organization's history and evolution.
- **Years in Business:** The number of years your organization has been operating.
- **Core Values:** Your organization's mission, vision, and core values.

Established in 1994, Compunnel has been a trusted partner in delivering advanced IT solutions and services across the U.S for over **30 years**. In the past years our core focus has evolved to support cutting-edge initiatives in Artificial Intelligence (AI) to public sector entities across U.S. Headquartered in New Jersey, Compunnel has been helping government agencies achieve real results by providing the right AI talent, training, and technologies. We enable organizations to harness the power of AI to optimize operations, accelerate innovation, and enhance growth.

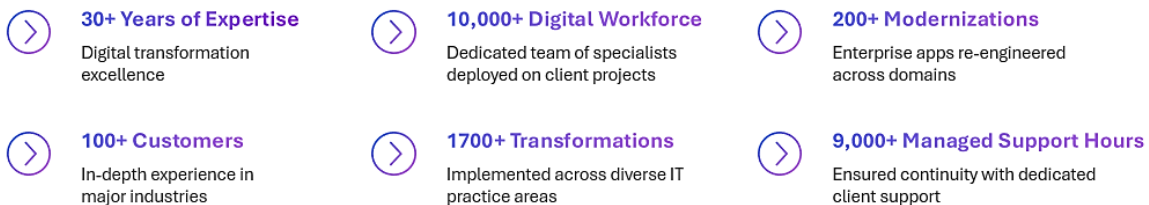
Compunnel has been ranked in **Inc. 5000** as one of the **fastest-growing companies**. We are a global organization with a presence in the US, Canada, Europe, and the Asia Pacific. We are ranked among the **'10 Best Technology Solution Providers'** by **The Industry Era**.

Compunnel employs experienced **technology professionals** worldwide, with extensive expertise in AI technologies, including natural language processing, computer vision, and predictive analytics. Our onshore team includes over 1,700 specialists working on client engagements from **31 delivery centres** across the USA including **Texas**, complemented by four (4) offshore development centres in India.

Compunnel's Corporate Overview

TX Engineering
Total
Experience

End-to-end solutions to accelerate enterprise digital transformation for enabling better business outcomes



Certified AI/ML professionals

Hire certified AI/ML developers with an average of 5+ years of experience. Our developers come equipped with deep technical knowledge, providing the expertise and insights needed to successfully execute your AI and machine learning projects with precision and efficiency.



Expertise in Major AI/ML Practice Areas

Leverage the power of intelligent technologies with professionals specializing across all key AI/ML practice areas. Whether it's natural language processing, computer vision, predictive analytics, or deep learning, we provide access to talent with cutting-edge expertise in every major domain.



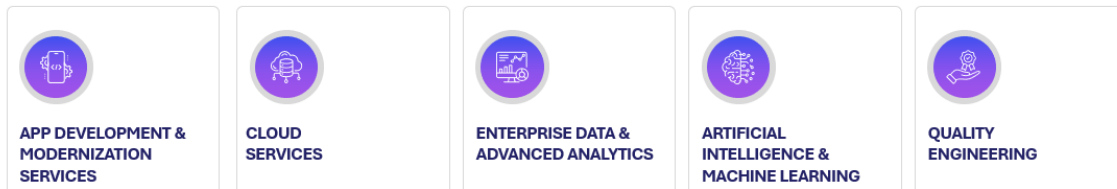
Flexible & Cost-effective Options

Meet your short-term, full-time, or project-based needs with our flexible, cost-effective service models. Whether you need talent for a specific project or long-term initiatives, we offer competitively priced solutions tailored to your business requirements, ensuring you optimize both performance and budget.



Compunnel's Digital Services Portfolio

TX Engineering
 Total Experience



AI/ML domains we serve

Deep Learning

Achieve automation at scale with Deep Learning solutions that streamline complex workflows. For a leading financial enterprise, we automated 98% of manual processes, driving efficiency and reducing operational overhead.

Tech stack – NLTK, CNN/ RNN, TensorFlow & more

Generative AI & NLP

Transform customer service with Generative AI and Natural Language Processing (NLP). We helped an IT firm enhance customer interactions by 37% through an AI chatbot solution, significantly improving response times and user satisfaction.

Tech stack – Bot Framework SDK, Azure Bot Service, & more

Advanced Analytics

Boost decision-making with Advanced Analytics solutions that deliver actionable insights. For a financial services company, we drove a 40% increase in customer satisfaction using predictive analytics and data visualization.

Tech stack – Azure MLOps, Streamlit, Power BI

IoT

Improve operational efficiency with IoT-driven predictive maintenance (PdM) solutions. For a top manufacturer, we achieved a 33% increase in efficiency using IoT-based monitoring systems.

Tech stack – Azure IoT Hub & IoT Central, Raspberry PI/ STM32 Sensor Devices

Computer Vision

Enhance security and optimize costs with Computer Vision applications. For a logistics firm, we developed an IntelliVision-powered solution that improved surveillance and operational efficiency.

Tech stack – YOLOv8, CNN, Streamlit, OCR Libraries & more

Services we provide

Maximize AI Potential with CAIOaaS


Leverage our Chief AI Officer as a Service (CAIOaaS) for expert AI leadership, strategic insights, and seamless AI integration tailored to your business needs.

Advanced Analytics

Unlock the power of your data and make informed decisions with valuable insights delivered by our experts

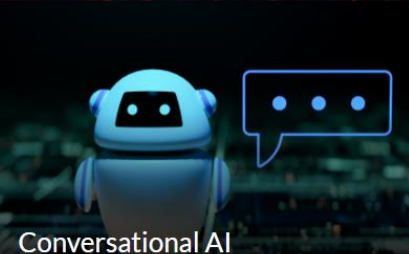
NLP & Text Analytics

Maximize the potential of your text-based data with deep insights and actionable information

Intelligent Automation

Streamline your business processes and boost productivity with innovative technology to Automate tasks and workflows

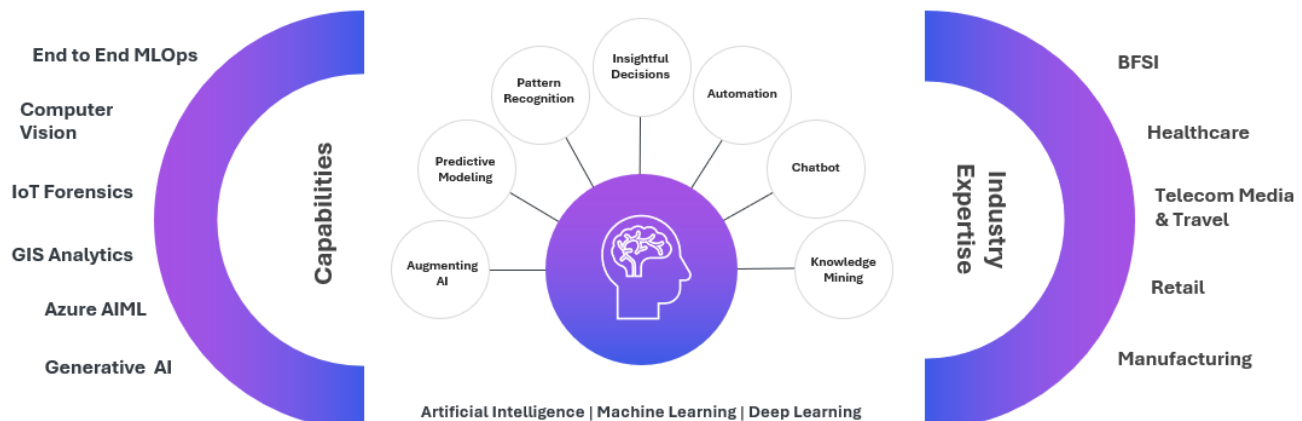
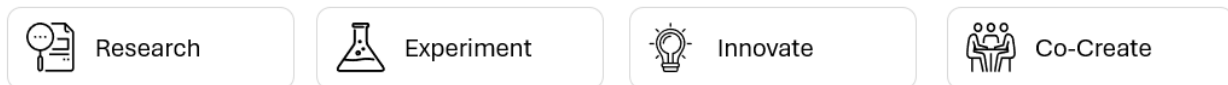


Conversational AI

Drive loyalty and growth with unparalleled customer experience using natural language processing and sentiment analysis

AI/ML Technology Powered Digital Services

TX Engineering
 Total Experience



V

VISION

To create a future where AI and digital technologies seamlessly integrate into organizational processes, enabling smarter operations, innovation, and superior outcomes.

M

MISSION

To empower businesses by delivering tailored digital and AI solutions that enhance efficiency, improve decision-making, and drive sustainable growth.



d. Significant Requirements Not Met

Clearly state any significant requirements from the Scope of Work that your organization is unable to meet. Provide a rationale for why these requirements cannot be met and suggest any potential alternatives or solutions.

Compunnel is able to meet all the requirements from the scope of work.

If applicable, identify any subcontractors or third-party services that are utilized in the performance of fulfilling this RFP. Provide a general explanation and chart which specifies project leadership and reporting responsibilities, and how the team will interface with NCTCOG and Participating Entities' project management and team personnel.

Compunnel will not utilize any subcontractor or third party services in the performance of fulfilling this RFP.

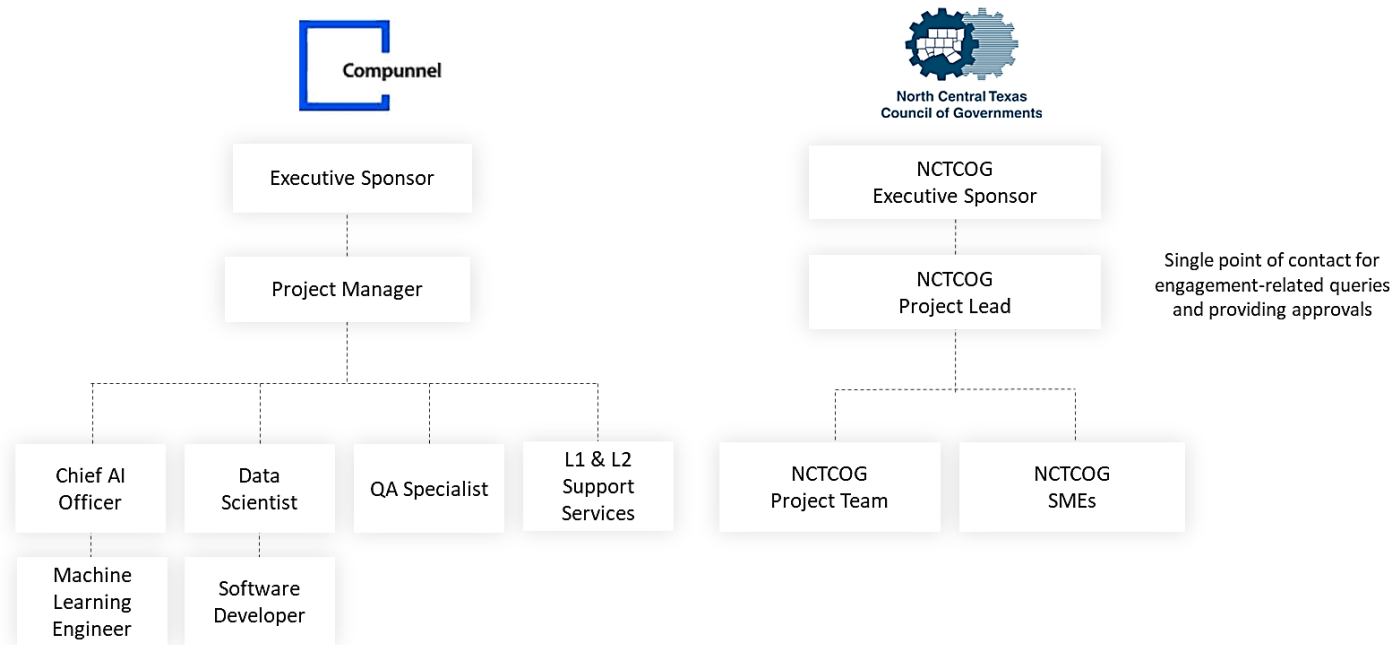


Exhibit: Project Team

The collaboration with NCTCOG and Participating Entities will commence with a comprehensive kickoff meeting led by our Project Manager/ Account Manager to align project goals, expectations, and timelines. This meeting will establish a clear communication plan, ensuring seamless coordination throughout the project. Weekly progress meetings will be conducted to review milestones, address challenges, and update project stakeholders. Monthly strategic reviews involving the Executive Sponsor will provide high-level oversight and ensure alignment with NCTCOG's objectives.

A dedicated project management tool (MS Teams) will be implemented for real-time task tracking, status updates, and efficient issue resolution. To foster collaboration, our team will conduct interactive workshops led by the Chief AI Officer to refine AI use cases and strategy. Training sessions will be organized to enhance the internal team's capacity for adopting AI solutions effectively. A structured knowledge transfer process will ensure NCTCOG's self-sufficiency in managing AI systems post-implementation. Clear and transparent reporting will include detailed weekly and monthly updates on project status, key achievements, and risk mitigation plans. This integrated communication plan is designed to ensure active participation, address concerns promptly, and deliver measurable outcomes aligned with NCTCOG's vision.



4. TECHNICAL PROPOSAL

This section should constitute the major portion of the submittal. Respondents are required to clearly identify which project deliverables their proposed solution addresses (refer to Section 5.1) and detail their capabilities, knowledge, and skills related to the desired deliverables, objectives, technical requirements, and expectations as outlined in Section 5.0: Specifications.

The Technical Proposal should include, but not be limited to, the following:

a. Project Deliverables

Clearly specify how your proposed solution addresses each deliverable outlined in Section 5.1, including detailed descriptions of functionalities and approaches for each challenge objective.

Solution Offered

Compunnel offers a comprehensive AI solution tailored to meet NCTCOG's strategic vision, beginning with a detailed AI assessment. The various tenets of our solution for NCTCOG are as follows:

1. AI Assessment and Innovation Roadmap

Compunnel will commence the engagement with a comprehensive AI assessment over a 3 months' timeline. This phase involves evaluating NCTCOG's current technological landscape, data infrastructure, and identifying potential AI opportunities. The outcome will be an AI Innovation Roadmap that outlines actionable insights and a strategic pathway for AI adoption.

2. AI Center of Excellence (COE) Establishment

Leveraging the findings from the assessment, Compunnel will establish an AI Center of Excellence (COE). The COE will serve as the centralized hub for AI governance, coordination, and knowledge sharing, ensuring collaboration across departments and alignment with ethical standards and industry best practices.

3. AI Solutions Implementation

After the COE is operational, Compunnel will execute pilot projects to validate the feasibility and scalability of AI solutions within NCTCOG's operational environment. These pilots will demonstrate measurable outcomes and provide insights critical for scaling AI initiatives.

4. Change Management

Following the success of the pilot phase, Compunnel will guide NCTCOG through the full-scale implementation of AI initiatives. This will include capacity-building initiatives through tailored training programs and a structured change management strategy to ensure seamless adoption. Transparent communication and active stakeholder engagement will be integral throughout this phase to promote sustained innovation and operational excellence.

5. Support and Maintenance

Compunnel offers comprehensive Level 1 (L1) and Level 2 (L2) support services for a period of 3 years post-implementation. These services, available as an optional add-on, will be proposed as a separate cost component within the commercial structure.



b. Technical Approach

Detail the technical approach for implementing the proposed solution, including:

- ***Methodologies for design and development.***
- ***Integration strategies with existing government systems.***
- ***User-friendliness and accessibility considerations.***

Solution Methodology

Our solution methodology outlines the structured approach that Compunnel will adopt to ensure the successful implementation of NCTCOG's AI initiative. This methodology emphasizes technical precision, seamless integration, and robust governance to deliver solutions that are secure, scalable, and impactful. Compunnel has designed the proposal covering key areas of focus for meeting NCTCOG's vision for AI:

Governance and Coordination

Compunnel's AI COE will take a proactive role in facilitating the NCTCOG AI team agenda, ensuring that all workstreams are aligned with the strategic objectives set forth by NCTCOG stakeholders. Our approach involves:

- **Structured Meeting Schedules:** We will establish a clear and consistent meeting cadence, including regular full Team meetings, sub-committee sessions, and ad-hoc working group discussions. This structured schedule will ensure timely progress across all initiatives.
- **Agenda Management:** We will develop and manage detailed agendas for each meeting, ensuring that all relevant topics are covered, and that discussions remain focused on actionable outcomes. This includes setting priorities, assigning responsibilities, and tracking follow-up actions.
- **Cross-Workstream Coordination:** Compunnel's AICOE will act as the central coordinator across all industry-specific workstreams, ensuring that insights, challenges, and decisions are communicated effectively between groups. We will facilitate cross-collaboration to share best practices and ensure that each workstream is informed by the collective knowledge of the NCTCOG AI team.
- **Stakeholder Engagement:** We will ensure that all key stakeholders, including NCTCOG officials, industry experts, and community representatives, are actively engaged in the NCTCOG AI team's activities. This includes preparing briefing materials, coordinating stakeholder presentations, and managing feedback loops to incorporate diverse perspectives into the decision-making process.

AI Strategy and Solution Roadmap Development

Compunnel AI COE will work closely with the NCTCOG's AI Team to develop a comprehensive AI adoption strategy for AI solutions that aligns with the NCTCOG's overarching goals and priorities. This strategy will be designed to ensure that AI technologies are leveraged effectively across NCTCOG while adhering to ethical standards and maximizing public benefit. The key components of the strategy will include:

- **Vision & Mission** - We will collaborate with the NCTCOG AI team to define a clear vision for AI adoption in NCTCOG, encapsulating the NCTCOG's aspirations for how AI can enhance public services, drive economic growth, and improve the quality of life for residents. This vision will serve as a guiding principle for all AI-related initiatives.
- **Strategic Objectives** - We will identify and outline specific strategic objectives that align with the NCTCOG's goals. These objectives will focus on areas such as improving operational efficiency, enhancing service delivery, promoting innovation, and ensuring data privacy and security. Each objective will be measurable and time-bound, providing a clear framework for evaluating progress.
- **Key Performance Indicators (KPIs)** - To track the success of the AI adoption strategy, we will define a set of KPIs that align with the strategic objectives. These KPIs will be tailored to the unique needs of each industry sector involved in the NCTCOG AI team, ensuring that progress can be monitored and adjusted as necessary.



Ethics and Compliance

We incorporate frameworks such as the NIST AI Risk Management Framework (NIST AI RMF) to ensure that our strategies are not only aligned with federal standards but also optimized for the specific needs and objectives of the NCTCOG. Our methodology ensures that the benefits of AI are maximized while minimizing risks across governance, strategy, data, ethics, and risk management.

- **Ethical AI Framework:** We will help the NCTCOG AI team define the core principles of ethical AI that will guide all AI initiatives in the NCTCOG. These principles may include fairness, transparency, accountability, privacy, and inclusivity. By embedding these principles into the AI strategy, NCTCOG can ensure that AI systems are designed and deployed in a manner that respects human rights and societal values.
- **NIST AI RMF-Based Approach:** Compunnel AI will apply the NIST AI RMF to guide the NCTCOG in identifying, assessing, and mitigating AI-related risks. This framework provides a structured approach to managing risks across various dimensions, including data privacy, algorithmic bias, and system security.
- **Algorithmic Bias Management:** Compunnel AI will implement specific measures to detect, assess, and mitigate algorithmic bias in AI systems. This will involve regular audits, the use of fairness-enhancing technologies, and continuous evaluation of AI models to ensure they produce equitable outcomes.
- **Compliance with Regulations:**
 - Federal and NCTCOG Regulations: Compunnel AI will ensure that the ethical AI guidelines align with federal and NCTCOG regulations, including data protection laws, anti-discrimination laws, and AI-specific regulations. This includes compliance with laws such as the GDPR, CCPA, and any relevant NCTCOG-specific AI legislation.
 - Global Best Practices: We will also incorporate global best practices and standards for ethical AI use, such as those outlined by the OECD AI Principles, the European Commission's Ethics Guidelines for Trustworthy AI, and the IEEE Global Initiative on Ethics of Autonomous and Intelligent Systems.
- **Ethics Review Process:**
 - Ethics Review Board: We will recommend the establishment of an Ethics Review Board within the NCTCOG AI team. This board will be responsible for reviewing AI projects to ensure they adhere to the ethical AI guidelines. The board will provide oversight, conduct ethical impact assessments, and offer recommendations for mitigating ethical risks.
 - Ethical AI Audits: Compunnel AI will advise on the implementation of regular ethical AI audits to evaluate the ethical performance of AI systems. These audits will assess compliance with ethical guidelines, identify potential ethical issues, and recommend corrective actions.
- **Transparency and Public Engagement:**
 - Transparency Reporting: We will help develop transparency reporting mechanisms that provide stakeholders and the public with clear information about how AI systems are being used, the data they rely on, and the measures in place to protect against bias and unethical use.
 - Public Consultation: To ensure that the ethical AI guidelines reflect the values and concerns of NCTCOG's citizens, we will recommend conducting public consultations and workshops. These engagements will gather input from diverse communities and stakeholders, ensuring that the ethical framework is inclusive and representative.

Training and Capacity Building

To successfully implement and sustain AI initiatives, it is essential to build AI literacy and capability among NCTCOG employees, stakeholders, and members of the NCTCOG AI team. Compunnel AI will design and deliver tailored training programs and workshops that address the unique needs of NCTCOG's workforce. Our approach includes:

- **AI Literacy Programs:**
 - **Foundational AI Training:** We will develop foundational AI training programs that introduce participants to the basic concepts, tools, and technologies of AI. These programs will cover topics such as machine learning, natural language processing, computer vision, and AI ethics, providing a solid understanding of AI's capabilities and limitations.



- **Advanced AI Training:** For technical staff and key stakeholders, we will offer advanced AI training that delves deeper into specific AI technologies and methodologies. This training will include hands-on workshops on AI model development, data analysis, and AI system integration, equipping participants with the skills needed to develop and manage AI solutions.
- **Industry-Specific Workshops:**
 - **Sector-Focused Training:** We will design industry-specific workshops that address the unique challenges and opportunities of AI adoption within each sector (e.g., healthcare, finance, education). These workshops will provide practical insights and examples of how AI can be applied to improve sector-specific processes and outcomes.
 - **Case Study Analysis:** Participants will engage in case study analysis sessions where they will explore real-world AI implementations, learn from successes and failures, and discuss how similar strategies can be applied within other organizations.
- **Ongoing Support and Resources:**
 - **Training Materials and Resources:** Compunnel AI will provide comprehensive training materials, including manuals, guides, and e-learning modules, to support ongoing learning and capacity building. These resources will be made available through the collaboration platform, allowing participants to access them at any time.

Integration Strategies with Existing Government Systems

- **System Assessment & Compatibility Analysis:**
 - Conduct a thorough assessment of existing systems within NCTCOG to identify integration points, data flows, and dependencies.
 - Ensure compatibility with current government systems and establish clear interfaces using open standards (e.g., REST APIs, SOAP, or secure data exchanges) for seamless communication.
- **Middleware & API Integration:**
 - Leverage an Enterprise Service Bus (ESB) or API Gateway to facilitate data exchange between the new solution and existing systems, enabling secure and reliable integration.
 - Implement standard data formats (e.g., JSON, XML) for communication across systems, ensuring easy interoperability.
- **Data Synchronization & Real-time Data Flow:**
 - Develop real-time data synchronization mechanisms for bidirectional data flow between the new solution and government systems, ensuring updated information is available at all times.
 - Utilize event-driven architectures to enable real-time data updates, ensuring minimal lag in system updates and decision-making.
- **Security & Compliance:**
 - Employ strong encryption methods (e.g., TLS 1.2, AES) for secure data transfer.
 - Ensure all integrations comply with government regulations (such as FISMA, NIST, or state-specific mandates) and maintain adherence to the highest security standards.
- **Scalability & Flexibility:**
 - Design the integration architecture to scale and accommodate future expansions, new government systems, or changes in business requirements.
 - Implement modular integration strategies that allow for easy updates and replacement of individual components without disrupting the entire system.

User-Friendliness and Accessibility Considerations

- **Intuitive User Interface (UI):**
 - Develop a user-centric interface with simple navigation and clear visual hierarchies to ensure ease of use for both technical and non-technical users.
 - Conduct user testing with different stakeholder groups to refine the UI and enhance its usability, focusing on ensuring the interface is intuitive and responsive.



- **Accessibility Compliance:**
 - Adhere to WCAG 2.1 (Web Content Accessibility Guidelines) to ensure accessibility for users with disabilities, including features like screen reader compatibility, alternative text for images, and color contrast for readability.
 - Ensure keyboard accessibility, ensuring users can navigate the system without relying on a mouse, as well as providing features like voice commands or gesture controls where applicable.
- **Cross-Platform Compatibility:**
 - Ensure the solution is compatible across multiple devices (e.g., desktop, tablet, mobile) and operating systems (Windows, macOS, iOS, Android) to maximize reach and accessibility for users in various environments.
 - Develop responsive layouts that adjust to different screen sizes and orientations, ensuring the interface remains user-friendly on all devices.
- **Training & Support:**
 - Provide comprehensive user training materials, including video tutorials, user manuals, and interactive demos, to ensure users can easily learn how to use the system.
 - Offer robust technical support, including helpdesk services, FAQs, and troubleshooting guides to address user concerns promptly.
- **Customization & Personalization:**
 - Offer customizable features that allow users to adjust their interface according to their preferences (e.g., font size, theme, dashboard layouts), improving both accessibility and user satisfaction.
 - Incorporate role-based user permissions and customized workflows to ensure that each user can access only the information and features relevant to their responsibilities.

Engagement Roadmap with NCTCOG

Compunnel provides AI solutions built on a portable, cloud-agnostic architecture that ensures scalability and flexibility. Our architecture supports multi-site and multi-device deployments across various use cases, making it ideal for the diverse needs of the NCTCOG. Based on our expertise in delivering AI solutions, Compunnel has designed the following AI Plan for NCTCOG:

Service Area	Tasks	Deliverables
AI Innovation Kick-Off and Governance Setup	• Initial setup of AI governance framework and collaboration tools.	• Governance Framework Document • Collaboration Platform Setup and User Training
	• Conducting the first strategic planning workshop to align the NCTCOG AI team's objectives.	• Strategic Planning Workshop Report
Strategic Planning and AI Roadmap Development	• Facilitating workshops to define AI strategy, including vision, mission, and objectives.	• AI Strategic Plan Document
	• Development of the 5 year AI Roadmap with phased goals, milestones, and timelines.	• 5 year AI Roadmap with Milestones and Timelines
Industry-Specific Use Case Analysis	• Identifying and assessing potential AI use cases in key industries such as healthcare and finance.	• Industry Use Case Reports
	• Delivering feasibility studies and recommendations for pilot projects.	• Feasibility Analysis Reports Pilot Project • Implementation Plans
	• Developing a data governance framework including privacy, security, and compliance protocols.	• Data Governance Framework Document



Data Governance and Ethical AI Implementation	<ul style="list-style-type: none"> Establishing ethical AI guidelines and conducting regular compliance audits. 	<ul style="list-style-type: none"> Ethical AI Guidelines Document Compliance Audit Reports
Training and Capacity Building Workshops	<ul style="list-style-type: none"> Designing and delivering customized training programs for NCTCOG employees and NCTCOG AI team members. 	<ul style="list-style-type: none"> Training Program Curriculum and Materials
	<ul style="list-style-type: none"> Hosting ongoing workshops to keep stakeholders updated on AI trends and best practices. 	<ul style="list-style-type: none"> Workshop Reports and Continuous Learning Plan
Change Management and Public Communication	<ul style="list-style-type: none"> Implementing a change management strategy to ensure smooth adoption of AI initiatives. 	<ul style="list-style-type: none"> Change Management Strategy Document
	<ul style="list-style-type: none"> Executing a public communication plan to keep citizens informed and engaged. 	<ul style="list-style-type: none"> Communication Plan Stakeholder Feedback Reports

The phased approach is outlined below, detailing each phase, its activities, milestones, and timeline:

SERVICE CATEGORY #1: ARTIFICIAL INTELLIGENCE (AI) SOLUTIONS FOR PUBLIC SECTOR ENTITIES

Phase 1: AI Readiness Discovery Assessment & Strategic Planning (Months 1-3)

- **Data and Infrastructure Audit (Month 1)**
 - Conduct an in-depth review of current data systems, storage, and architecture.
 - Document data quality, accessibility, and existing infrastructure gaps.
 - **Milestone 1:** Completion of Data and Infrastructure Audit Report.
- **Capability & Organizational Readiness Assessment (Month 1)**
 - Evaluate NCTCOG's organizational readiness, identifying skills gaps, governance capabilities, and potential process changes.
 - Define NCTCOG's AI maturity level and determine key improvement areas.
 - **Milestone 2:** Delivery of Readiness Assessment Report.
- **As-Is Analysis & Opportunity Identification (Months 2-3)**
 - Map NCTCOG's current processes to identify AI opportunities and align with NCTCOG's priorities.
 - Pinpoint potential high-value use cases for AI applications.
 - **Milestone 3:** As-Is Analysis and AI Opportunity Report.
- **Strategic Roadmap Development (Months 2-3)**
 - Develop a detailed AI roadmap with prioritized use cases, high-level timelines, and recommended resources.
 - Define measurable objectives, potential challenges, and key success factors for AI adoption.
 - **Milestone 4:** AI Strategic Roadmap Document.

2. Parallel Pilot Project Planning (Months 2-3)

- As the readiness assessment progresses, the **AI Solutions Implementation Team** will start planning high-priority pilot projects based on identified use cases.
- Key roles: Project Manager (BA), Data Scientist, Machine Learning Engineer, and Cloud Architect (Flex team, as needed).
- **Milestone 5:** Pilot Project Plan, outlining timelines, resources, and success metrics.

Phase 2: Pilot Projects for AI Implementation (Months 4-14)

With the foundational strategy in place, the implementation team will begin working on the pilot projects. This workstream will use a hybrid model, with offshore work.

- **Pilot Development & Iterative Testing (Months 4-10)**



- Development and testing of pilot AI applications aligned with prioritized use cases from the roadmap.
- Data Scientist and Machine Learning Engineer to work on model development and iterative tuning.
- Cloud Architect to set up a scalable infrastructure in alignment with data governance policies.
- **Milestone 6:** Initial Pilot Model Deployment (Month 6).
- **Performance Measurement & Validation (Months 6-10)**
 - Measure and monitor pilot performance, focusing on key metrics such as accuracy, processing time, and user feedback.
 - Conduct iterative improvement cycles for model enhancement based on NCTCOG's feedback.
 - **Milestone 7:** Performance and Validation Report for each pilot (Month 10).
- **Pilot Refinement and Finalization (Months 10-14)**
 - Finalize pilot solutions based on validation outcomes, optimizing for full-scale deployment.
 - Generate a comprehensive pilot success report for NCTCOG stakeholders.
 - **Milestone 8:** Pilot Finalization Report (Month 14).

Phase 3: Deployment and Integration (Months 12-24)

After successful completion of the pilot projects, the solutions will be transitioned to full-scale deployment and integrated into NCTCOG's systems.

- **Full-Scale AI Solution Deployment (Months 12-18)**
 - Deployment of refined pilot solutions at scale, with integration support for seamless interaction with NCTCOG's existing systems.
 - The Cloud Architect will lead the deployment efforts, with support from the Data Scientist and Machine Learning Engineer as needed.
 - **Milestone 9:** Full-Scale Deployment Completion (Month 18).
- **System Integration and Validation (Months 18-24)**
 - Validate end-to-end system performance, ensuring AI solutions operate effectively within NCTCOG's ecosystem.
 - Document integration workflows and update NCTCOG's IT playbook.
 - **Milestone 10:** Integration and Validation Report (Month 24).

SERVICE CATEGORY #2: OTHER ANCILLARY PRODUCTS OR SERVICES

Phase 4: AI Managed Support and Continuous Improvement (Months 25-60)

The AI Solutions Implementation Team will transition to a managed support role, providing NCTCOG with ongoing assistance, maintenance, and enhancements.

- **Training and Knowledge Transfer (Months 25-60)**
 - Training provided to the authorized personnel as identified by NCTCOG for monitoring of existing AI solutions and deployment of new AI solutions.
- **Monitoring, Tuning, and Maintenance (Months 25-60)**
 - Continuous monitoring of deployed AI systems for performance, accuracy, and reliability.
 - Model tuning and retraining based on evolving data patterns and new requirements.
- **Knowledge Transfer and Training (Months 25-60)**
 - Provide structured training sessions and knowledge transfer workshops for NCTCOG's staff, covering AI model management, data handling, and troubleshooting.
- **L1 Support: Day-to-Day Issue Resolution (Months 25-60)**
 - Manage user-reported issues, ensuring prompt identification, resolution, and user satisfaction.
 - Address operational bottlenecks in real-time and ensure adherence to SLAs for issue resolution.
- **L2 Support: Advanced Issue Escalation and Fixes (Months 25-60)**
 - Handle escalated issues requiring advanced technical expertise or system modifications.



- Conduct root cause analysis for recurring issues and implement long-term fixes.
- **SLA Monitoring and Reporting (Months 25-60)**
 - Regularly monitor SLA compliance for L1 and L2 support tickets.
 - Generate detailed performance and resolution reports for ongoing service improvement.
- **Continuous Improvement and Optimization (Months 25-60)**
 - Analyze support data and feedback to identify opportunities for process and system enhancements.
 - Recommend and implement optimizations for improved reliability, efficiency, and user experience.
 - **Milestone 11:** Monthly Issue Resolution Reports, Quarterly SLA and Performance Review Reports, Annual Continuous Improvement Plan.

c. Performance Metrics

Describe how you will measure success and performance, including key performance indicators (KPIs) for each deliverable. Include approaches to ensure accuracy, reliability, and continuous improvement of the AI solutions.

At Compunnel, we understand that the successful implementation of AI solutions is not just about meeting technical milestones, but also delivering tangible, measurable value. Our approach to measuring success and performance of the AI solution will be multi-faceted, ensuring transparency, accuracy, reliability, and continuous improvement.

Key Performance Indicators (KPIs)

- **AI Model Accuracy:**
 - **KPI:** Percentage improvement in model accuracy (e.g., precision, recall, F1 score) compared to baseline models.
 - **Measurement:** Evaluate AI model performance through a series of validation tests using real-world datasets, ensuring that the models are providing reliable predictions and decisions.
- **Data Quality and Consistency:**
 - **KPI:** Percentage of data processed that meets pre-defined data quality standards.
 - **Measurement:** Implement regular data validation checks to ensure input data quality and completeness, ensuring that only clean, structured data is used for AI model training and decision-making.
- **Solution Adoption Rate:**
 - **KPI:** User adoption rate, measured by the percentage of intended end-users actively using the AI-driven solution within a set timeframe.
 - **Measurement:** Monitor user engagement metrics (e.g., active users, frequency of usage) through in-app analytics and user feedback to assess how well the solution is being embraced by stakeholders.
- **Real-Time Decision Accuracy:**
 - **KPI:** Decision-making accuracy in real-time scenarios, with improvements over time.
 - **Measurement:** Track AI's ability to make accurate, timely decisions or recommendations, and measure its real-world impact on processes, such as time saved, improved operational efficiency, or optimized resource allocation.
- **Scalability and System Performance:**
 - **KPI:** System uptime and latency metrics, including response time and system throughput.
 - **Measurement:** Implement continuous monitoring tools to assess the system's ability to scale under increasing data loads, ensuring that the AI solution remains responsive and effective even with large volumes of data.

Ensuring Accuracy, Reliability, and Continuous Improvement

- **Accuracy and Model Evaluation:**



- **Continuous Testing and Validation:** We will implement ongoing model evaluation using cross-validation techniques, with periodic performance assessments on fresh data sets. This ensures that the AI solution continuously improves its accuracy and adapts to changing patterns in data.
- **A/B Testing:** Conduct A/B testing with variations of the model to identify the best-performing configurations, continuously refining the solution to maximize its effectiveness.
- **Benchmarking:** Compare the performance of the AI solution against industry standards and competitors to ensure the solution is top-tier.
- **Reliability through Redundancy and Monitoring:**
 - **Fault Tolerance:** Implement redundant systems and failover mechanisms to ensure that the AI solution remains available even during failures. Use load balancing and failover strategies to provide high availability.
 - **Real-Time Monitoring:** Utilize AI monitoring tools that continuously track model performance, alerting stakeholders to any issues (e.g., data drift, model degradation) as soon as they arise. This proactive approach ensures that the AI solution remains reliable throughout its lifecycle.
- **Continuous Improvement:**
 - **Model Retraining:** Implement automated retraining pipelines where the AI models are regularly updated based on new data or when accuracy metrics fall below thresholds. We'll also ensure that the model's performance is periodically reviewed and improved based on real-world performance feedback.
 - **User Feedback Loops:** Integrate mechanisms for collecting feedback from end-users on AI-driven decisions and recommendations. This feedback is invaluable for refining models and making continuous improvements based on user experiences and real-world scenarios.
 - **Regular Performance Audits:** Conduct regular performance audits to identify any gaps in the AI solution's operation, enabling us to take corrective actions and improve overall performance.
- **Compliance and Ethical Standards:**
 - **Fairness and Transparency:** Regular audits will be performed to ensure the AI models operate within ethical guidelines and that decision-making processes are transparent. This ensures that the solution remains compliant with local regulations and adheres to principles of fairness and accountability.
 - **Bias Mitigation:** Constantly monitor for any bias in AI predictions and take corrective measures to ensure the AI solution is equitable and does not favor certain groups over others.

d. Risk Management

Outline any potential risks associated with the proposed solution and describe your strategies for mitigating these risks.

We are committed to identifying, assessing, and addressing potential risks that may arise during the implementation of AI solutions for NCTCOG. Below are some of the key risks and our strategies for mitigating them:

1. Data Quality and Integrity Issues

- **Risk:** Inaccurate, incomplete, or biased data could lead to suboptimal AI model performance, undermining the quality and reliability of predictions and decisions.
- **Mitigation Strategy:**
 - **Data Validation and Cleansing:** Implement robust data validation mechanisms to ensure that only clean, structured, and high-quality data is ingested into the AI system. This involves using automated tools for detecting inconsistencies, missing values, and outliers.
 - **Data Enrichment:** Use third-party datasets or supplementary sources to fill data gaps and improve the overall quality of the dataset, ensuring better model training.
 - **Continuous Monitoring:** Set up real-time data monitoring systems to identify and rectify issues with data quality as they occur, ensuring ongoing data accuracy.



2. Model Inaccuracy or Underperformance

- **Risk:** AI models may not achieve the expected levels of accuracy, particularly in dynamic environments with changing data patterns, leading to incorrect predictions or decisions.
- **Mitigation Strategy:**
 - **Model Retraining:** Implement a continuous learning approach by retraining models periodically with new data. This helps keep the models up-to-date and ensures that they adapt to changing patterns or conditions.
 - **Performance Monitoring:** Use performance metrics (e.g., precision, recall, F1 score) to continuously monitor model performance in real-time. Set thresholds for performance and trigger alerts for model retraining or recalibration when required.
 - **A/B Testing:** Conduct A/B testing of different models and configurations to ensure optimal performance, iterating until the best model is identified.

3. Integration Challenges with Existing Systems

- **Risk:** Difficulty in integrating the AI solution with existing government systems could delay the project and lead to system incompatibilities or data silos.
- **Mitigation Strategy:**
 - **Comprehensive System Assessment:** Conduct a detailed assessment of NCTCOG's current system architecture and data workflows to identify potential integration points and challenges upfront.
 - **Modular Integration Approach:** Adopt a modular integration framework that allows flexibility in connecting the AI solution to various existing systems through APIs or middleware, minimizing disruptions and compatibility issues.
 - **Thorough Testing:** Conduct extensive integration testing in a controlled environment before full deployment to ensure that all systems work seamlessly together.

4. Ethical and Bias Concerns in AI Decisions

- **Risk:** The AI solution could unintentionally introduce biases into decision-making processes, leading to unfair or discriminatory outcomes.
- **Mitigation Strategy:**
 - **Bias Detection and Mitigation:** Implement regular audits and fairness checks during model development and after deployment to identify any biases in the models. Use techniques such as adversarial testing and fairness-aware machine learning to mitigate biased outcomes.
 - **Transparent AI Models:** Leverage explainable AI (XAI) techniques to ensure that the decision-making process is transparent and auditable, helping stakeholders understand how the AI arrived at specific conclusions.
 - **Continuous Ethical Review:** Establish an ongoing ethical review process with a dedicated team to monitor and address any potential ethical concerns that arise during the lifecycle of the AI solution.

5. Security and Privacy Risks

- **Risk:** The AI solution could be vulnerable to cyber-attacks, data breaches, or misuse of sensitive government data.
- **Mitigation Strategy:**
 - **Data Encryption:** Ensure that all sensitive data, both in transit and at rest, is encrypted using industry-standard encryption algorithms (e.g., AES, TLS 1.2) to protect it from unauthorized access.
 - **Secure Authentication and Authorization:** Implement robust authentication mechanisms (e.g., multi-factor authentication, role-based access control) to restrict access to sensitive data and AI system components.
 - **Regular Security Audits:** Conduct periodic security audits and penetration testing to identify vulnerabilities and ensure that the AI system remains secure against evolving threats.

6. User Adoption and Resistance to Change



- **Risk:** Stakeholders or end-users may resist adopting the AI solution, either due to unfamiliarity with the technology or concerns over trust in automated decisions.
- **Mitigation Strategy:**
 - **Stakeholder Engagement and Education:** Proactively engage stakeholders and end-users early in the project to ensure they understand the value and benefits of the AI solution. Provide training and resources to build familiarity and trust.
 - **User-Centric Design:** Focus on designing an intuitive and user-friendly interface that minimizes the learning curve and allows users to interact with the AI system with ease. Gather feedback regularly to improve the user experience.
 - **Change Management Support:** Implement a structured change management approach that includes clear communication, training programs, and support systems to help users transition smoothly to the new system.

7. System Downtime and Performance Degradation

- **Risk:** The AI solution could experience system downtimes or performance degradation, especially during peak usage, affecting the accessibility and reliability of the solution.
- **Mitigation Strategy:**
 - **High Availability Architecture:** Design the system with high availability in mind, utilizing cloud-native capabilities such as auto-scaling, load balancing, and failover mechanisms to ensure uptime even during high-demand periods.
 - **Performance Testing:** Conduct load testing and stress testing to simulate real-world usage scenarios and ensure that the AI system can handle peak loads without degradation in performance.
 - **Proactive Monitoring and Alerting:** Implement continuous system monitoring and automated alerting for early detection of performance issues, enabling quick remediation and minimizing downtime.

e. Compliance and Standards

Confirm adherence to relevant regulations and standards, including data privacy laws (e.g., GDPR, HIPAA), and detail how your solution will maintain compliance.

Compunnel Inc. is committed to ensuring full compliance with all relevant regulations and standards, including but not limited to data privacy laws such as the General Data Protection Regulation (GDPR) and the Health Insurance Portability and Accountability Act (HIPAA). Our solution is designed with robust processes and technologies to maintain compliance at all levels.



5. PRICING

Compunnel has also provided the Cost proposal separately in the Excel format 'Exhibit 1 - Pricing Proposal Worksheet' provided by NCTCOG.

Category 1 - AI Solutions Pricing Format Request Example				
Notes:				
Description	Add additional description if necessary:	Unit Price	% Discount	Notes/Comments
1. Software Licensing and Subscription Costs: <i>Provide the cost breakdown for software licenses, subscriptions, or any other software-related fees.</i>	All software licensing and subscription costs to be borne by NCTCOG, including: 1. Enterprise AI Platform Licenses 2. Development Environment Licenses 3. Cloud Infrastructure Costs 4. Database Licenses 5. Any Additional Software Tools	-	-	-
2. Implementation and Customization Costs: <i>Outline the costs related to the implementation of the AI solution, including setup, integration with existing systems, customization, and deployment.</i>	Total cost of Implementation (after discount): \$865,096 Cost breakup per phase (after discounts): a. Phase 1: AI Readiness Discovery & Strategic Planning - 3 months (\$82,323) Project Manager: \$18,332 Data Science Architect: \$26,400 Data Scientist: \$19,351 ML Engineer: \$18,240 b. Phase 2: Pilot Projects - 11 months (\$301,852) Project Manager: \$67,219 Data Science Architect: \$96,800 Data Scientist: \$70,953 ML Engineer: \$66,880 c. Phase 3: Deployment and Integration - 13 months (\$480,921) Project Manager: \$79,440 Data Science Architect: \$114,400 Data Scientist: \$83,854 ML Engineer: \$79,040 Quality Test Analyst: \$61,787 Software Engineer: \$62,400	\$951,605	10%	
3. Training and Support Costs: <i>Include costs for training government staff, technical support, and customer service, both during and after implementation.</i>	Submitted as a part of the Category 2 - Ancillary Goods and/or Services as below	-	-	-
4. Ongoing Maintenance and Updates: <i>Provide costs for ongoing software maintenance, updates, and any regular services required to keep the AI system running smoothly.</i>	Submitted as a part of the Category 2 - Ancillary Goods and/or Services as below	-	-	-
5. Optional Add-Ons or Features: <i>List any additional features or services available that are not included in the core proposal but can be added at an additional cost.</i>	Costs for the following list of items (non-exhaustive list, will be confirmed and mutually agreed with NCTCOG in requirement gathering/discovery assessment stages) have NOT been factored in the commercials provided at this stage: 1. Additional user licenses 2. Extended support hours 3. Additional language models 4. Custom integrations 5. Advanced analytics modules Compunnel will mutually align with NCTCOG for the costs (based on effort estimations) for these and other prioritized features and add ons and provide the final cost post the completion of requirement gathering/discovery assessment stage.	-	-	-
6. Total Cost of Ownership (TCO): <i>Summarize the Total Cost of Ownership (TCO), which includes all costs over a defined period (e.g., 3 years or 5 years). This should reflect software, implementation, support, maintenance, and optional add-ons.</i>	Total TCO for 5-Year Deal Period (post discounts) 1. Implementation (Service Category #1): \$865,096 2. Support & Maintenance (Service Category #2): \$911,900 Total Discounted Cost: \$1,776,996 Note: Final TCO (which will be finalized post the completion of requirement gathering/discovery assessment stage) will include NCTCOG-provided software licensing costs and any selected optional features	Implementation (Service Category #1) - \$951,605 Support & Maintenance (Service Category #2) - \$1,003,091 Total Cost: \$1,954,696	10%	
7. Additional Costs (if applicable): <i>List any additional costs not covered in the above sections that are relevant to the proposal, such as travel costs, setup fees, or other miscellaneous charges.</i>	Travel expenses - All resources will deliver the solution implementation and support services from Offshore location. Any onsite travel will be billed to NCTCOG on actuals.	-	-	-
Category 2 - Ancillary Goods and/or Services				
Describe Below:			% Discount	Notes/Comments
Training and Support Costs & Ongoing Maintenance and Updates	Total Training and Support Costs (after discounts): \$911,900 Cost breakup per phase (after discounts): Phase 4: AI Managed Support, Training & Continuous Improvement - 36 months Project Manager: \$119,160 Data Science Architect: \$171,600 Data Scientist: \$125,780 ML Engineer: \$218,880 L1 Support Engineer: \$126,720 L2 Support Engineer: \$149,760	\$1,003,091	10%	



6. PROPOSED VALUE-ADD – 5 ADDITIONAL POINTS

Respondents are encouraged to include a Value-Add section in their submission to showcase innovative approaches or supplementary functionalities that could enhance the efficiency and effectiveness of our public sector operations beyond the primary scope of this RFP. This section should highlight any additional capabilities or services not explicitly detailed in the Scope of Work but that the respondent believes would be of benefit.

Compunnel is pleased to highlight a range of innovative capabilities and supplementary functionalities that we believe will significantly enhance the efficiency, effectiveness, and long-term impact of NCTCOG's public sector operations. While the primary focus of this proposal is to address the core requirements outlined in the RFP, we have identified several value-added features that can provide NCTCOG with a competitive edge, improve operational agility, and deliver superior outcomes for both internal teams and the communities served.

1. Advanced Predictive Analytics for Proactive Decision-Making

- **Innovation:** By leveraging advanced predictive analytics, we can equip NCTCOG with AI-driven insights that not only react to existing data but also predict future trends, challenges, and opportunities. For example, AI models can forecast transportation demands, traffic congestion, environmental hazards, or resource needs with high accuracy.
- **Value Add:** These predictive capabilities will allow NCTCOG to proactively plan and allocate resources, ensuring that the organization stays ahead of future challenges. Instead of reacting to issues as they arise, NCTCOG can leverage predictive analytics to optimize workflows, enhance public safety, and improve infrastructure management.

2. AI-Powered Chatbots and Virtual Assistants for Public Engagement

- **Innovation:** We propose the integration of AI-powered chatbots and virtual assistants that can serve as the first point of contact for citizens, answering common questions and providing essential information about government services. These AI solutions can handle a wide range of requests, from traffic inquiries to public event details, and even assist with basic administrative tasks.
- **Value Add:** The chatbot or virtual assistant can operate 24/7, reducing call center volumes, enhancing citizen engagement, and providing immediate support. By incorporating natural language processing (NLP) and sentiment analysis, the virtual assistant can ensure that responses are contextually relevant and empathetic, improving user satisfaction.

3. AI-Enhanced Resource Allocation and Optimization

- **Innovation:** Implementing AI models for dynamic resource allocation and optimization can drive significant efficiencies across various NCTCOG operations. These models can be particularly useful in managing public infrastructure, such as waste management, road maintenance, and public transport services. By continuously analyzing real-time data, AI can dynamically adjust resources to meet evolving demands.
- **Value Add:** This approach will help reduce operational costs, improve resource utilization, and ensure that NCTCOG's services are delivered in the most effective manner possible. For example, AI algorithms could optimize fleet management for public transport or schedule maintenance for critical infrastructure based on predicted usage patterns, avoiding unnecessary delays and minimizing downtime.

4. AI-Driven Public Policy Impact Analysis

- **Innovation:** AI models can be used to simulate and evaluate the potential impact of public policies before they are implemented. By analyzing historical data and trends, these models can predict how different policy decisions could affect communities, resources, and long-term goals, such as sustainability targets or economic growth.
- **Value Add:** This will empower NCTCOG to make data-driven, informed policy decisions and test various scenarios to understand potential outcomes, ensuring that the decisions made are in the best interest of the communities.



Furthermore, this functionality can support more transparent and accountable decision-making processes, increasing trust within the public sector.

5. AI-Based Environmental Monitoring and Sustainability Initiatives

- **Innovation:** Integrating AI-based environmental monitoring systems that leverage IoT sensors and real-time data can provide insights into air quality, water usage, waste management, and other environmental factors. By continuously tracking environmental data, AI can identify areas for improvement, suggest interventions, and even automate sustainability initiatives.
- **Value Add:** This capability will help NCTCOG meet sustainability goals, reduce its carbon footprint, and improve the quality of life for residents. With predictive AI models, the system can anticipate environmental issues before they reach critical levels, enabling timely interventions and contributing to long-term environmental sustainability.

6. AI-Powered Traffic and Infrastructure Monitoring

- **Innovation:** AI-driven traffic and infrastructure monitoring systems can use real-time data from sensors and cameras to optimize traffic flows, reduce congestion, and predict maintenance needs across NCTCOG's transportation networks. The AI solution can even integrate with existing systems like traffic signals to improve efficiency.
- **Value Add:** This technology can significantly enhance the public sector's ability to manage traffic and reduce congestion, improving the overall commuter experience and reducing emissions from idle traffic. Furthermore, it provides actionable insights to prioritize infrastructure upgrades and maintenance in real-time.

Additional High Level Use cases for consideration

Department	AI Focus Area	Proposed Initiatives	Steering Responsibility	Expected Outcome
Transportation	Smart Mobility & Infrastructure	<ul style="list-style-type: none"> • AI for traffic forecasting and optimization • Predictive maintenance for infrastructure • Sustainable transit solutions 	Real-time monitoring, route optimization, and regional coordination using AI tools.	Reduced congestion, improved commute efficiency.
Environment & Development	Green AI for Sustainability	<ul style="list-style-type: none"> • AI for water resource management • Flood prediction models • Emission reduction strategies 	Steering AI integration into environmental monitoring and disaster mitigation programs.	Enhanced sustainability and resource management.
Emergency Preparedness	Disaster Response and Risk Mitigation	<ul style="list-style-type: none"> • AI-powered threat detection • Disaster simulations and preparedness • Resource allocation optimization 	Steering the development of real-time dashboards for risk management and emergency response.	Faster and more effective disaster response.
Workforce Development	Employment Analytics and Skill Mapping	<ul style="list-style-type: none"> • AI-based skill matching • Job market forecasting • Real-time workforce analytics 	Steering development of workforce planning platforms and career tools powered by AI.	Improved employment rates and economic development.
Research & Information	Advanced Analytics and Data Insights	<ul style="list-style-type: none"> • AI-powered GIS tools • Regional demographic forecasting • Performance metrics using AI 	Steering data harmonization and advanced insights generation	Better planning and decision-making processes.



7. HUB BONUS

5 Additional points will be awarded upon submission of proof of certification as a Historically Underutilized Business (HUB), Minority, Women-Owned or Disadvantaged Business Enterprise.

THIS CERTIFIES THAT		
Compunnel Software Group, Inc. dba Compunnel Inc./ Compunnel Healthcare		
* Nationally certified by the: NEW YORK & NEW JERSEY MINORITY SUPPLIER DEVELOPMENT COUNCIL		
*NAICS Code(s): <u>561311; 561320; 541214</u>		
* Description of their product/services as defined by the North American Industry Classification System (NAICS)		
05/17/2024		NY04672
Issued Date		Certificate Number
		
06/17/2025	Ying McGuire NMSDC CEO and President	
Expiration Date		Terrence Clark, President & CEO
By using your password (NMSDC issued only), authorized users may log into NMSDC Central to view the entire profile: http://nmsdc.org		
Certify, Develop, Connect, Advocate.		
* MBEs certified by an Affiliate of the National Minority Supplier Development Council, Inc.®		



8. REQUIRED ATTACHMENTS

Please include signed copies of all ATTACHMENTS (beginning with ATTACHMENT I) appended to the back of this solicitation document. All attachments must be submitted with the proposal, or the proposal may be disqualified as nonresponsive. If an attachment does not apply, please mark as "Not Applicable" and submit with the proposal.

REQUIRED ATTACHMENT CHECKLIST

Please utilize this checklist to ensure that all required attachments are included with your proposal. IF AN ATTACHMENT DOES NOT APPLY, PLEASE MARK AS "**NOT APPLICABLE**" AND SUBMIT WITH THE PROPOSAL. FAILURE TO SUBMIT **ALL REQUIRED DOCUMENTS** MAY NEGATIVELY IMPACT YOUR EVALUATION SCORE.

- ☒ Page 1 - Cover Sheet
- ☒ Page 21 - Attachment I: Instructions for Proposals Compliance and Submittal
- ☒ Page 22 - Attachment II: Certification of Offeror
- ☒ Page 23 - Attachment III: Certification Regarding Debarment
- ☒ Page 24 - Attachment IV: Restrictions on Lobbying
- ☒ Page 26 - Attachment V: Drug-Free Workplace Certification
- ☒ Page 27 - Attachment VI: Certification Regarding Disclosure of Conflict of Interest
- ☒ Page 30 - Attachment VII: Certification of Fair Business Practices
- ☒ Page 31 - Attachment VIII: Certification of Good Standing Texas Corporate Franchise Tax Certification
- ☒ Page 32 - Attachment IX: Historically Underutilized Businesses
- ☒ Page 33 - Attachment X: Federal and State of Texas Required Procurement Provisions
- ☒ Page 36 - Exhibit 1: Description of Desired Product Categories for Proposed Pricing
- ☒ Page 37 - Exhibit 2: Sample Market Basket Form
- ☒ Page 38 - Exhibit 3: Service Area Designation Forms

Respondent recognizes that all proposals must be submitted electronically through [Public Purchase](#) by the RFP due date and time. All other forms of submission will be deemed non-responsive and will not be opened or considered.



ATTACHMENT I: INSTRUCTIONS FOR PROPOSALS COMPLIANCE AND SUBMITTAL

**ATTACHMENT I: INSTRUCTIONS
FOR PROPOSALS COMPLIANCE AND SUBMITTAL**

Compliance with the Solicitation

Submissions must be in strict compliance with this solicitation. Failure to comply with all provisions of the solicitation may result in disqualification.

Compliance with the NCTCOG Standard Terms and Conditions

By signing its submission, Offeror acknowledges that it has read, understands and agrees to comply with the NCTCOG standard terms and conditions.

Acknowledgment of Insurance Requirements

By signing its submission, Offeror acknowledges that it has read and understands the insurance requirements for the submission. Offeror also understands that the evidence of required insurance must be submitted within ten (10) working days following notification of its offer being accepted; otherwise, NCTCOG may rescind its acceptance of the Offeror's proposals. The insurance requirements are outlined in Section 2.2 - General Terms and Conditions.

Name of Organization/Contractor(s):

Compunnel Software Group, Inc.

Signature of Authorized Representative:

A handwritten signature in blue ink, appearing to be "AS", written over a horizontal line.

Date: January 24, 2025



ATTACHMENT II: CERTIFICATIONS OF OFFEROR

ATTACHMENT II: CERTIFICATIONS OF OFFEROR

I hereby certify that the information contained in this proposal and any attachments is true and correct and may be viewed as an accurate representation of proposed services to be provided by this organization. I certify that no employee, board member, or agent of the North Central Texas Council of Governments has assisted in the preparation of this proposal. I acknowledge that I have read and understand the requirements and provisions of the solicitation and that the organization will comply with the regulations and other applicable local, state, and federal regulations and directives in the implementation of this contract.

I also certify that I have read and understood all sections of this solicitation and will comply with all the terms and conditions as stated; and furthermore that I, Ashish Yadav (typed or printed name) certify that I am the Program Manager (title) of the corporation, partnership, or sole proprietorship, or other eligible entity named as offeror and respondent herein and that I am legally authorized to sign this offer and to submit it to the North Central Texas Council of Governments, on behalf of said offeror by authority of its governing body.

Name of Organization/Contractor(s):

Compunnel Software Group, Inc.

Signature of Authorized Representative:

A handwritten signature in blue ink, appearing to read "Aj", is written over a horizontal line.

Date: January 24, 2025



ATTACHMENT III: CERTIFICATION REGARDING DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS

**ATTACHMENT III: CERTIFICATION
REGARDING DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS**

This certification is required by the Federal Regulations Implementing Executive Order 12549, Debarment and Suspension, 45 CFR Part 93, Government-wide Debarment and Suspension, for the Department of Agriculture (7 CFR Part 3017), Department of Labor (29 CFR Part 98), Department of Education (34 CFR Parts 85, 668, 682), Department of Health and Human Services (45 CFR Part 76).

The undersigned certifies, to the best of his or her knowledge and belief, that both it and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency;
2. Have not within a three-year period preceding this contract been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or Local) transaction or contract under a public transaction, violation of federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification, or destruction of records, making false Proposals, or receiving stolen property;
3. Are not presently indicated for or otherwise criminally or civilly charged by a government entity with commission of any of the offense enumerated in Paragraph (2) of this certification; and,
4. Have not within a three-year period preceding this contract had one or more public transactions terminated for cause or default.

Where the prospective recipient of federal assistance funds is unable to certify to any of the qualifications in this certification, such prospective recipient shall attach an explanation to this certification form.

Name of Organization/Contractor(s):

Compunnel Software Group, Inc.

Signature of Authorized Representative:

A handwritten signature in blue ink, appearing to be "AJ", written over a horizontal line.

Date: January 24, 2025



ATTACHMENT IV: RESTRICTIONS ON LOBBYING

ATTACHMENT IV: RESTRICTIONS ON LOBBYING

Section 319 of Public Law 101-121 prohibits recipients of federal contracts, grants, and loans exceeding \$100,000 at any tier under a federal contract from using appropriated funds for lobbying the Executive or Legislative Branches of the federal government in connection with a specific contract, grant, or loan. Section 319 also requires each person who requests or receives a federal contract or grant in excess of \$100,000 to disclose lobbying.

No appropriated funds may be expended by the recipient of a federal contract, loan, or cooperative agreement to pay any person for influencing or attempting to influence an officer or employee of any federal executive department or agency as well as any independent regulatory commission or government corporation, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with any of the following covered federal actions: the awarding of any federal contract, the making of any federal grant, the making of any federal loan the entering into of any cooperative agreement and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.

As a recipient of a federal grant exceeding \$100,000, NCTCOG requires its subcontractors of that grant to file a certification, set forth in Appendix B.1, that neither the agency nor its employees have made, or will make, any payment prohibited by the preceding paragraph.

Subcontractors are also required to file with NCTCOG a disclosure form, set forth in Appendix B.2, if the subcontractor or its employees have made or have agreed to make any payment using nonappropriated funds (to include profits from any federal action), which would be prohibited if paid for with appropriated funds.



**LOBBYING CERTIFICATION
FOR CONTRACTS, GRANTS, LOANS, AND COOPERATIVE AGREEMENTS**

The undersigned certifies, to the best of his or her knowledge or belief, that:

1. No federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an officer or employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal loan, the entering into of any cooperative Contract, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative contract; and
2. If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, and or cooperative contract, the undersigned shall complete and submit Standard Form – LLL, “Disclosure Form to Report Lobbying”, in accordance with the instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers and that all sub-recipients shall certify accordingly.

Name of Organization/Contractor(s):

Compunnel Software Group, Inc.

Signature of Authorized Representative:

A handwritten signature in blue ink, appearing to be 'AJ', written over a horizontal line.

Date: January 24, 2025



ATTACHMENT V: DRUG-FREE WORKPLACE CERTIFICATION

ATTACHMENT V: DRUG-FREE WORKPLACE CERTIFICATION

The Compunnel Software Group, Inc. (company name) will provide a Drug Free Work Place in compliance with the Drug Free Work Place Act of 1988. The unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited on the premises of the Compunnel Software Group, Inc. (company name) or any of its facilities. Any employee who violates this prohibition will be subject to disciplinary action up to and including termination. All employees, as a condition of employment, will comply with this policy.

CERTIFICATION REGARDING DRUG-FREE WORKPLACE

This certification is required by the Federal Regulations Implementing Sections 5151-5160 of the Drug-Free Workplace Act, 41 U.S.C. 701, for the Department of Agriculture (7 CFR Part 3017), Department of Labor (29 CFR Part 98), Department of Education (34 CFR Parts 85, 668 and 682), Department of Health and Human Services (45 CFR Part 76).

The undersigned subcontractor certifies it will provide a drug-free workplace by:

Publishing a policy Proposal notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace and specifying the consequences of any such action by an employee;

Establishing an ongoing drug-free awareness program to inform employees of the dangers of drug abuse in the workplace, the subcontractor's policy of maintaining a drug-free workplace, the availability of counseling, rehabilitation and employee assistance programs, and the penalties that may be imposed on employees for drug violations in the workplace;

Providing each employee with a copy of the subcontractor's policy Proposal;

Notifying the employees in the subcontractor's policy Proposal that as a condition of employment under this subcontract, employees shall abide by the terms of the policy Proposal and notifying the subcontractor in writing within five days after any conviction for a violation by the employee of a criminal drug abuse statute in the workplace;

Notifying the Board within ten (10) days of the subcontractor's receipt of a notice of a conviction of any employee; and,

Taking appropriate personnel action against an employee convicted of violating a criminal drug statute or requires such employee to participate in a drug abuse assistance or rehabilitation program.

Name of Organization/Contractor(s):

Compunnel Software Group, Inc.

Signature of Authorized Representative:

Date: January 24, 2025



ATTACHMENT VI: DISCLOSURE OF CONFLICT OF INTEREST CERTIFICATION REGARDING DISCLOSURE OF CONFLICT OF INTEREST

**ATTACHMENT VI: DISCLOSURE OF CONFLICT OF INTEREST
CERTIFICATION REGARDING DISCLOSURE OF CONFLICT OF INTEREST**

The undersigned certifies that, to the best of his or her knowledge or belief, that:

“No employee of the contractor, no member of the contractor’s governing board or body, and no person who exercises any functions or responsibilities in the review or approval of the undertaking or carrying out of this contract shall participate in any decision relating to this contract which affects his/her personal pecuniary interest.

Executives and employees of contractor shall be particularly aware of the varying degrees of influence that can be exerted by personal friends and associates and, in administering the contract, shall exercise due diligence to avoid situations which give rise to an assertion that favorable treatment is being granted to friends and associates. When it is in the public interest for the contractor to conduct business with a friend or associate of an executive or employee of the contractor, an elected official in the area or a member of the North Central Texas Council of Governments, a permanent record of the transaction shall be retained.

Any executive or employee of the contractor, an elected official in the area or a member of the NCTCOG, shall not solicit or accept money or any other consideration from a third person, for the performance of an act reimbursed in whole or part by contractor or Department. Supplies, tools, materials, equipment or services purchased with contract funds shall be used solely for purposes allowed under this contract. No member of the NCTCOG shall cast a vote on the provision of services by that member (or any organization which that member represents) or vote on any matter which would provide a direct or indirect financial benefit to the member or any business or organization which the member directly represents”.

No officer, employee or paid consultant of the contractor is a member of the NCTCOG.

No officer, manager or paid consultant of the contractor is married to a member of the NCTCOG.

No member of NCTCOG directly owns, controls or has interest in the contractor.

The contractor has disclosed any interest, fact, or circumstance that does or may present a potential conflict of interest.

No member of the NCTCOG receives compensation from the contractor for lobbying activities as defined in Chapter 305 of the Texas Government Code.

Should the contractor fail to abide by the foregoing covenants and affirmations regarding conflict of interest, the contractor shall not be entitled to the recovery of any costs or expenses incurred in relation to the contract and shall immediately refund to the North Central Texas Council of Governments any fees or expenses that may have been paid under this contract and shall further be liable for any other costs incurred or damages sustained by the NCTCOG as it relates to this contract.

Name of Organization/Contractor(s):

Compunnel Software Group, Inc.

Signature of Authorized Representative:

Date: January 24, 2025



CIQ Form

CONFLICT OF INTEREST QUESTIONNAIRE For vendor doing business with local governmental entity		FORM CIQ
<p>This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.</p> <p>This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).</p> <p>By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.</p> <p>A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.</p>	<div style="border: 1px solid black; padding: 2px; text-align: center; font-weight: bold;">OFFICE USE ONLY</div> <div style="border: 1px solid black; padding: 5px; min-height: 100px;"> Date Received </div>	
<p>1 Name of vendor who has a business relationship with local governmental entity.</p> <p style="text-align: center;">Compunnel Software Group, Inc.</p>		
<p>2 <input type="checkbox"/> Check this box if you are filing an update to a previously filed questionnaire. (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)</p>		
<p>3 Name of local government officer about whom the information is being disclosed.</p> <p style="text-align: center;">None</p> <hr style="width: 50%; margin: auto;"/> <p style="text-align: center;">Name of Officer</p>		
<p>4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.</p> <div style="margin-top: 20px;"> <p>A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?</p> <p style="text-align: center;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </p> <p>B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?</p> <p style="text-align: center;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </p> </div>		
<p>5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.</p>		
<p>6 <input type="checkbox"/> Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).</p>		
<p>7</p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> <hr style="width: 100%;"/> <p>Signature of vendor doing business with the governmental entity</p> </div> <div style="text-align: center;"> <p>January 24, 2025</p> <hr style="width: 100%;"/> <p>Date</p> </div> </div>		

Form provided by Texas Ethics Commission

www.ethics.state.tx.us

Revised 1/1/2021



ATTACHMENT VII: CERTIFICATION OF FAIR BUSINESS PRACTICES

ATTACHMENT VII: CERTIFICATION OF FAIR BUSINESS PRACTICES

That the submitter has not been found guilty of unfair business practices in a judicial or state agency administrative proceeding during the preceding year. The submitter further affirms that no officer of the submitter has served as an officer of any company found guilty of unfair business practices in a judicial or state agency administrative during the preceding year.

Name of Organization/Contractor(s):

Compunnel Software Group, Inc.

Signature of Authorized Representative:

A handwritten signature in blue ink, appearing to be "AJ", written over a horizontal line.

Date: January 24, 2025



ATTACHMENT VIII: CERTIFICATION OF GOOD STANDING TEXAS CORPORATE FRANCHISE TAX CERTIFICATION

**ATTACHMENT VIII: CERTIFICATION OF GOOD STANDING
TEXAS CORPORATE FRANCHISE TAX CERTIFICATION**

Pursuant to Article 2.45, Texas Business Corporation Act, state agencies may not contract with for profit corporations that are delinquent in making state franchise tax payments. The following certification that the corporation entering into this offer is current in its franchise taxes must be signed by the individual authorized on Form 2031, Corporate Board of Directors Resolution, to sign the contract for the corporation.

The undersigned authorized representative of the corporation making the offer herein certified that the following indicated Proposal is true and correct and that the undersigned understands that making a false Proposal is a material breach of contract and is grounds for contract cancellation.

Indicate the certification that applies to your corporation:



The Corporation is a for-profit corporation and certifies that it is not delinquent in its franchise tax payments to the State of Texas.



The Corporation is a non-profit corporation or is otherwise not subject to payment of franchise taxes to the State of Texas.

Type of Business (if not corporation):

☐

Sole Proprietor

☐

Partnership

☐

Other

Pursuant to Article 2.45, Texas Business Corporation Act, the North Central Texas Council of Governments reserves the right to request information regarding state franchise tax payments.

Ashish Yadav

(Printed/Typed Name and Title of Authorized Representative)

Signature

Date: January 24, 2025



**ATTACHMENT IX: HISTORICALLY UNDERUTILIZED BUSINESSES, MINORITY OR WOMEN-OWNED OR
DISADVANTAGED BUSINESS ENTERPRISES**

**ATTACHMENT IX: HISTORICALLY UNDERUTILIZED BUSINESSES,
MINORITY OR WOMEN-OWNED OR DISADVANTAGED BUSINESS ENTERPRISES**

Historically Underutilized Businesses (HUBs), minority or women-owned or disadvantaged businesses enterprises (M/W/DBE) are encouraged to participate in the solicitation process.

NCTCOG recognizes the certifications of most agencies. HUB vendors must submit a copy of their certification for consideration during the evaluation of their proposal. Please attach the copy to this form. This applies only to the Offeror and not a subcontractor.

Texas vendors who are not currently certified are encouraged to contact either the Texas United Certification Program, State of Texas HUB Program, or the North Central Texas Regional Certification Agency, among others. Contact:

State of Texas HUB Program
Texas Comptroller of Public Accounts
Lyndon B. Johnson State Office Building
111 East 17th Street
Austin, Texas 78774
(512) 463-6958
<http://www.window.state.tx.us/procurement/prog/hub/>

North Central Texas Regional Certification Agency
624 Six Flags Drive, Suite 100
Arlington, TX 76011
(817) 640-0606
<http://www.nctrca.org/certification.html>

Texas United Certification Program
USDOT website at
<https://www.transportation.gov/DBE>

You must include a copy of your certification document as part of this solicitation to receive points in the evaluation.

Vendor to Sign Below to Attest to Validity of Certification:

Compunnel Software Group, Inc. _____

Vendor Name

Authorized Signature

Ashish Yadav

January 24, 2025

Date

Typed Name

☐ Not applicable.



ATTACHMENT X: NCTCOG FEDERAL AND STATE OF TEXAS REQUIRED PROCUREMENT PROVISIONS

**ATTACHMENT X: NCTCOG FEDERAL AND STATE OF TEXAS
REQUIRED PROCUREMENT PROVISIONS**

The following provisions are mandated by Federal and/or State of Texas law. Failure to certify to the following will result in disqualification of consideration for contract. Entities or agencies that are not able to comply with the following will be ineligible for consideration of contract award.

**PROHIBITED TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT
CERTIFICATION**

This Contract is subject to the Public Law 115-232, Section 889, and 2 Code of Federal Regulations (CFR) Part 200, including §200.216 and §200.471, for prohibition on certain telecommunications and video surveillance or equipment. Public Law 115-232, Section 889, identifies that restricted telecommunications and video surveillance equipment or services (e.g., phones, internet, video surveillance, cloud servers) include the following:

- A) Telecommunications equipment that is produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliates of such entities).
- B) Video surveillance and telecommunications equipment produced by Hytera Communications Corporations, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliates of such entities).
- C) Telecommunications or video surveillance services used by such entities or using such equipment.
- D) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, Director of the National Intelligence, or the Director of the Federal Bureau of Investigation reasonably believes to be an entity owned or controlled by the government of a covered foreign country. The entity identified below, through its authorized representative, hereby certifies that no funds under this Contract will be obligated or expended to procure or obtain telecommunication or video surveillance services or equipment or systems that use covered telecommunications equipment or services as a substantial or essential component of any system, or as a critical technology as part of any system prohibited by 2 CFR §200.216 and §200.471, or applicable provisions in Public Law 115-232 Section 889.

☒ The Contractor or Subrecipient hereby certifies that it does comply with the requirements of 2 CFR §200.216 and §200.471, or applicable regulations in Public Law 115-232 Section 889.

SIGNATURE OF AUTHORIZED PERSON:

NAME OF AUTHORIZED PERSON:

Ashish Yadav

NAME OF COMPANY:

Compunnel Software group, Inc.

DATE:

January 24, 2025

-OR-

☐ The Contractor or Subrecipient hereby certifies that it cannot comply with the requirements of 2 CFR §200.216 and §200.471, or applicable regulations in Public Law 115-232 Section 889.

SIGNATURE OF AUTHORIZED PERSON:

NAME OF AUTHORIZED PERSON:

NAME OF COMPANY:

DATE:



DISCRIMINATION AGAINST FIREARMS ENTITIES OR FIREARMS TRADE ASSOCIATIONS

DISCRIMINATION AGAINST FIREARMS ENTITIES OR FIREARMS TRADE ASSOCIATIONS

This contract is subject to the Texas Local Government Code chapter 2274, Subtitle F, Title 10, prohibiting contracts with companies who discriminate against firearm and ammunition industries.

TLGC chapter 2274, Subtitle F, Title 10, identifies that “discrimination against a firearm entity or firearm trade association” includes the following:

- A) means, with respect to the entity or association, to:
- I. refuse to engage in the trade of any goods or services with the entity or association based solely on its status as a firearm entity or firearm trade association; and
 - II. refrain from continuing an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association; or
 - III. terminate an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association.
- B) An exception to this provision excludes the following:
- I. contracts with a sole-source provider; or
 - II. the government entity does not receive bids from companies who can provide written verification.

The entity identified below, through its authorized representative, hereby certifies that they have no practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association; and that they will not discriminate during the term of the contract against a firearm entity or firearm trade association as prohibited by Chapter 2274, Subtitle F, Title 10 of the Texas Local Government Code.



The Contractor or Subrecipient hereby certifies that it does comply with the requirements of Chapter 2274, Subtitle F, Title 10.

**SIGNATURE OF AUTHORIZED
PERSON:**

NAME OF AUTHORIZED PERSON:

Ashish Yadav

NAME OF COMPANY:

Compunnel Software Group, Inc.

DATE:

January 24, 2025

-OR-



The Contractor or Subrecipient hereby certifies that it cannot comply with the requirements of Chapter 2274, Subtitle F, Title 10.

**SIGNATURE OF AUTHORIZED
PERSON:**

NAME OF AUTHORIZED PERSON:

NAME OF COMPANY:

DATE:



BOYCOTTING OF CERTAIN ENERGY COMPANIES

BOYCOTTING OF CERTAIN ENERGY COMPANIES

This contract is subject to the Texas Local Government Code chapter 809, Subtitle A, Title 8, prohibiting contracts with companies who boycott certain energy companies.

TLGC chapter Code chapter 809, Subtitle A, Title 8, identifies that “boycott energy company” means, without an ordinary business purpose, refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations with a company because the company:

- I. engages in the exploration, production, utilization, transportation, sale, or manufacturing of fossil fuel-based energy and does not commit or pledge to meet environmental standards beyond applicable federal and state law; and
- II. does business with a company described by paragraph (I).

The entity identified below, through its authorized representative, hereby certifies that they do not boycott energy companies, and that they will not boycott energy companies during the term of the contract as prohibited by Chapter 809, Subtitle A, Title 8 of the Texas Local Government Code.

☒ The Contractor or Subrecipient hereby certifies that it does comply with the requirements of Chapter 809, Subtitle A, Title 8.

SIGNATURE OF AUTHORIZED PERSON:

NAME OF AUTHORIZED PERSON:

Ashish Yadav

NAME OF COMPANY:

Compunnel Software Group, Inc.

DATE:

January 24, 2025

-OR-

☐ The Contractor or Subrecipient hereby certifies that it cannot comply with the requirements of Chapter 809, Subtitle A, Title 8.

SIGNATURE OF AUTHORIZED PERSON:

NAME OF AUTHORIZED PERSON:

NAME OF COMPANY:

DATE:



EXHIBIT 1: CATEGORIES OFFERED AND PRICING PROPOSAL

Place a checkmark next to each category you are offering in your proposal:



Service Category #1: Artificial Intelligence (AI) Solutions for Public Sector Entities



Service Category #2: Other Ancillary Goods or Services (List Below)

The Respondent shall furnish a comprehensive cost pricing model for this RFP, pursuant to the guidance provided in Section 5.13. Please delineate pricing based on **Service Category 1**, **Service Category 2**, or a combined pricing model for both categories. Label your pricing proposal as “Exhibit 1 – Pricing,” and use as many pages as necessary to provide detailed information.

Important Note: This RFP is not tied to any specific project at this time. The purpose is to secure pricing for potential future use of AI solutions by public sector entities. Respondents are encouraged to provide pricing models that are as descriptive and flexible as possible to accommodate the varied needs of potential users.

In addition to the requested pricing, Respondents are encouraged to include a retainage rate based on the hourly rate of each staff member for any future projects that may arise but are not currently anticipated by this RFP.

Refer to Exhibit 1 –Pricing Proposal Worksheet Attachment.



EXHIBIT 2: SAMPLE MARKET BASKET FORM

This Exhibit is not applicable for this solicitation.



EXHIBIT 3: SERVICE DESIGNATION AREAS

	Texas Service Area Designation or Identification						
Proposing Firm Name:	Compunnel Software Group, Inc.						
Notes:	Indicate in the appropriate box whether you are proposing to service the entire state of Texas <table border="1"> <tr> <td>Will service the entire state of Texas</td> <td>Will not service the entire state of Texas</td> </tr> <tr> <td style="text-align: center;"><input checked="checked" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>			Will service the entire state of Texas	Will not service the entire state of Texas	<input checked="checked" type="checkbox"/>	<input type="checkbox"/>
Will service the entire state of Texas	Will not service the entire state of Texas						
<input checked="checked" type="checkbox"/>	<input type="checkbox"/>						
	If you are not proposing to service the entire state of Texas, designate on the form below the regions that you are proposing to provide goods and/or services to. By designating a region or regions, you are certifying that you are willing and able to provide the proposed goods and services.						
Item	Region	Metropolitan Statistical Areas	Designated Service Area				
1.	North Central Texas	16 counties in the Dallas-Fort Worth Metropolitan area					
2.	High Plains	Amarillo Lubbock					
3.	Northwest	Abilene Wichita Falls					
4.	Upper East	Longview Texarkana, TX-AR Metro Area Tyler					
5.	Southeast	Beaumont-Port Arthur					
6.	Gulf Coast	Houston-The Woodlands-Sugar Land					
7.	Central Texas	College Station-Bryan Killeen-Temple Waco					
8.	Capital Texas	Austin-Round Rock					
9.	Alamo	San Antonio-New Braunfels Victoria					
10.	South Texas	Brownsville-Harlingen Corpus Christi Laredo McAllen-Edinburg-Mission					
11.	West Texas	Midland Odessa San Angelo					
12.	Upper Rio Grande	El Paso					

(Exhibit 3 continued on next page)



(Exhibit 3 continued)

Nationwide Service Area Designation or Identification Form							
Proposing Firm Name:	Compunnel Software Group, Inc.						
Notes:	<p>Indicate in the appropriate box whether you are proposing to provide service to all Fifty (50) States.</p> <table border="1"> <tr> <td>Will service all fifty (50) states</td> <td>Will not service fifty (50) states</td> </tr> <tr> <td><input checked="checked" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> <p>If you are not proposing to service to all fifty (50) states, then designate on the form below the states that you will provide service to. By designating a state or states, you are certifying that you are willing and able to provide the proposed goods and services in those states.</p> <p>If you are only proposing to service a specific region, metropolitan statistical area (MSA), or City in a State, then indicate as such in the appropriate column box.</p>			Will service all fifty (50) states	Will not service fifty (50) states	<input checked="checked" type="checkbox"/>	<input type="checkbox"/>
Will service all fifty (50) states	Will not service fifty (50) states						
<input checked="checked" type="checkbox"/>	<input type="checkbox"/>						
Item	State	Region/MSA/City (write "ALL" if proposing to service entire state)	Designated as a Service Area				
1.	Alabama	ALL					
2.	Alaska	ALL					
3.	Arizona	ALL					
4.	Arkansas	ALL					
5.	California	ALL					
6.	Colorado	ALL					
7.	Connecticut	ALL					
8.	Delaware	ALL					
9.	Florida	ALL					
10.	Georgia	ALL					
11.	Hawaii	ALL					
12.	Idaho	ALL					
13.	Illinois	ALL					
14.	Indiana	ALL					
15.	Iowa	ALL					
16.	Kansas	ALL					
17.	Kentucky	ALL					
18.	Louisiana	ALL					
19.	Maine	ALL					
20.	Maryland	ALL					



21.	Massachusetts	ALL	
22.	Michigan	ALL	
23.	Minnesota	ALL	
24.	Mississippi	ALL	
25.	Missouri	ALL	
26.	Montana	ALL	
27.	Nebraska	ALL	
28.	Nevada	ALL	
29.	New Hampshire	ALL	
30.	New Jersey	ALL	
31.	New Mexico	ALL	
32.	New York	ALL	
33.	North Carolina	ALL	
34.	North Dakota	ALL	
35.	Ohio	ALL	
36.	Oregon	ALL	
37.	Oklahoma	ALL	
38.	Pennsylvania	ALL	
39.	Rhode Island	ALL	
40.	South Carolina	ALL	
41.	South Dakota	ALL	
42.	Tennessee	ALL	
43.	Texas	ALL	
44.	Utah	ALL	
45.	Vermont	ALL	
46.	Virginia	ALL	
47.	Washington	ALL	
48.	West Virginia	ALL	
49.	Wisconsin	ALL	
50.	Wyoming	ALL	

End of Exhibit 3